CAB ABSTRACTS

ISSN 0015–069X

Int. Inst. of Parasitology
395A Hatfield Road
St Albans
Herts AL4 0XU

Field Crop Abstracts

1997 Volume 50 Annual Indexes

Includes List of Source Journals

CAB INTERNATIONAL

Field Crop Abstracts

Field Crop Abstracts is a monthly journal which covers literature on agronomy, botany, physiology, yields and quality of all annual field crops, both temperate and tropical. It started publication in 1948 and contains approximately 9,500 abstracts each year derived from the CAB ABSTRACTS database.

Editor
Anton M. Doroszenko PhD

The CAB ABSTRACTS database is compiled from the world's scientific and technical literature. Over 40,000 published documents, including research papers, conference proceedings and papers, books, reports, patents and theses are received annually from more than 130 countries in 50 languages. This material is screened, translated, abstracted and indexed by professional and support staff, including 90 subject specialists and linguists. More than 150,000 new records are added to the database each year, the majority containing informative abstracts. Over 3.5 million abstracts from the world literature have been added to the computerized databases since 1973, and this is complemented by a similar number in printed form before 1973, from CABI's origins in 1913.

All Editorial correspondence, reprint requests, advertisement enquiries, claims, orders and remittances should be addressed to:
CAB INTERNATIONAL, Wallingford, OXON OX10 8DE, UK.
Tel: +44 (0)1491 832 111 Fax: +44 (0)1491 826090 E-mail: cabi@cabi.org

Subscription
The annual printed subscription price is as follows:
For institutions in member countries of CAB INTERNATIONAL, the subscription to volume 50 is £484.00. The subscription price for non-member countries is £605.00 (dollar rate $1,060.00). All orders must be accompanied by payment. Abstract Journals are available on floppy disk for the same annual price. Back volume prices are available on request. A reduced rate for personal subscriptions is available for orders placed directly with the publisher. *For details of other CABI publications and services see back cover.*

Disclaimer: The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk.
CAB INTERNATIONAL does not accept responsibility for any trade advertisement included in this publication.

© 1997 CAB INTERNATIONAL. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form by any means, mechanical, electronic, by photocopying, recording or otherwise, without the prior written permission of CAB INTERNATIONAL.

Field Crop Abstracts

Volume 50

CAB INTERNATIONAL

Prepared by

CAB INTERNATIONAL INFORMATION INSTITUTE
DEPARTMENT OF PLANT SCIENCES AND NATURAL RESOURCES

1997

CAB INTERNATIONAL
Wallingford
Oxon OX10 8DE
UK

Tel: +44 (0)1491 832111
Fax: +44 (0)1491 833508
E-mail: cabi@cabi.org

CAB INTERNATIONAL
198 Madison Avenue
New York, NY 10016-4314
USA

Tel: +1 212 726 6490
Fax: +1 212 686 7993
E-mail: cabi-nao@cabi.org

©CAB INTERNATIONAL 1997. All rights reserved. No part of this publication may be reproduced in any form or by any means, electronically, mechanically, by photocopying, recording or otherwise, without the prior permission of the copyright owners.

ISSN 0015-069X

The information contained herein, including any expression of opinion and any projection or forecast, has been obtained from or is based upon sources believed by us to be reliable but is not guaranteed as to accuracy or completeness. The information is supplied without obligation and on the understanding that any person who acts upon it or otherwise changes his/her position in reliance thereon does so entirely at his/her own risk.

printed by
CAB INTERNATIONAL, Wallingford, Oxfordshire

Field Crop Abstracts

Contents
Volume 50

Cereals												
Wheat	1	111	201	293	377	483	603	713	831	949	1065	1169
Oats	14	120	214	301	388	499	614	728	847	963	1078	1187
Rye	16	120	214	301	388	500	615	729	847	964	1079	1188
Triticale	17	121	215	301	389	500	616	730	848	965	1079	1188
Barley	17	121	216	302	389	501	616	732	849	966	1079	1189
Zizania	–	127	–	–	–	–	–	–	–	971	–	–
Maize	22	127	220	306	394	505	620	736	855	971	1082	1193
Sweetcorn	35	136	–	313	406	517	629	746	865	–	1094	1205
Rice	35	136	232	313	406	517	630	746	865	986	1094	1206
Sorghum	44	144	239	320	412	526	640	756	877	992	1103	1217
Pennisetum glaucum	45	145	240	323	416	529	641	759	880	994	1105	1219
Panicum miliaceum	–	–	–	324	–	–	–	–	880	995	–	–
Panicum sumatrense	–	–	–	–	–	–	–	–	–	–	–	1220
Eleusine coracana	46	146	240	–	417	530	642	760	–	995	–	–
Minor cereals	46	146	240	324	417	530	642	760	880	995	1106	1220
Cereals, general	46	146	241	324	417	530	642	760	881	996	1106	1220
Legumes												
Soyabeans	48	147	242	325	418	532	643	761	882	998	1106	1222
Groundnuts	52	153	244	330	429	545	648	770	892	1006	1118	1231
Peas	54	154	246	330	431	547	651	772	893	1009	1121	1233
Vicia	58	157	250	332	435	550	655	776	897	1013	1124	1236
Phaseolus	59	158	250	333	437	552	656	778	899	1013	1124	1238
Vigna	61	161	253	336	440	557	659	780	903	1016	1127	1240
Cajanus cajan	62	164	255	337	442	559	661	782	905	1019	1130	1242
Cicer arietinum	63	164	255	337	443	559	662	783	905	1020	1130	1243
Lens culinaris	64	165	256	339	444	559	662	784	906	1022	1132	1243
Lupinus	64	166	257	339	444	560	663	784	906	1023	1132	1244
Minor legumes	66	167	258	340	445	561	663	785	907	1024	1132	1244
Legumes, general	66	167	–	340	445	561	663	785	907	1025	1133	1245
Root crops												
Sugarbeet	67	167	259	341	445	563	664	786	908	1025	1133	1246
Fodder beet	–	–	261	–	448	566	667	–	910	1028	–	–
Turnips and swedes	69	–	–	–	448	–	667	787	910	1028	1134	1248
Potatoes	69	169	262	344	449	566	667	787	910	1028	1134	1248
Sweet potatoes	81	173	266	351	453	570	674	791	914	1032	1137	1253
Cassava	82	174	267	352	–	572	675	791	915	–	1138	1253
Dioscorea	82	174	267	352	453	572	676	792	915	–	–	1254
Colocasia esculenta	–	–	–	–	454	572	676	792	916	1032	1138	1254
Xanthosoma	–	–	–	–	–	573	676	–	–	–	–	–
Minor root crops	–	–	268	352	–	–	677	793	916	1032	1138	1254
Root crops, general	–	–	–	352	–	573	677	793	–	–	–	1254
Fibre plants												
Cotton	83	175	268	353	454	574	677	793	916	1032	1139	1254

Fibre flax	87	–	270	356	458	577	685	800	923	1036	1142	1256
Cannabis sativa	–	–	270	356	458	–	686	800	923	1036	1142	1257
Jute	87	177	271	356	459	–	686	–	–	1037	1143	–
Minor fibre plants	88	–	271	356	–	577	686	800	–	1037	1143	1257
Fibre plants, general	88	177	–	–	459	578	–	801	–	1037	1143	–
Oilseed plants												
Ricinus communis	88	177	271	357	459	578	686	801	924	1037	1143	1258
Sesame	89	178	272	357	459	579	687	801	924	1037	1143	1258
Linseed	90	178	272	357	460	–	687	802	924	1037	1144	1258
Safflower	90	178	272	358	460	579	688	802	924	1037	1144	1258
Sunflowers	91	178	272	358	460	579	688	803	924	1037	1145	1258
Rape	92	181	274	359	461	581	689	806	925	1039	1147	1260
Minor oil plants	93	183	276	361	463	584	690	807	929	1042	1148	1262
Oilseed plants, general	–	184	277	–	–	584	693	809	931	1044	1151	1264
Miscellaneous crops												
Tobacco	94	184	278	362	465	584	694	810	932	1044	1151	1264
Pseudocereals	96	187	279	364	467	586	697	813	933	1047	1154	1265
Sugarcane	96	187	279	364	467	587	698	813	933	1047	1154	1265
Miscellaneous crops, general	–	189	282	–	–	–	–	–	–	1050	–	1269
Green manures	98	189	282	366	–	588	700	820	935	1050	1156	1270
Field crops, general	99	190	283	366	470	589	700	820	936	1050	1157	1270
Crop botany												
Physiology	101	192	285	367	474	591	703	824	939	1054	1160	1274
Chemical composition	103	195	286	370	476	595	705	825	942	1057	1163	1276
Morphology and anatomy	–	195	–	–	476	–	–	–	–	1057	–	–
Cell biology	104	195	286	–	–	–	705	–	943	1057	–	1277
In vitro culture	–	–	287	–	476	–	–	826	–	–	–	1277
Environmental factors	104	195	287	370	477	596	705	826	943	1057	1163	1277
Symbiosis and nitrogen fixation	–	196	288	–	–	598	706	827	–	1060	–	1278
Radiobiology	105	–	–	–	–	–	–	–	–	–	–	–
Taxonomy	–	–	–	–	478	–	–	–	–	–	–	–
Techniques and apparatus	105	196	288	370	478	598	706	827	943	1060	1164	1278
Storage	–	–	–	–	–	599	706	–	–	–	1165	–
Weeds	105	196	289	371	–	599	707	–	–	1060	–	–
Pests and diseases	106	–	290	–	–	599	707	–	944	1061	–	–
Surveys and land use	106	196	–	371	478	599	707	827	944	1061	1165	1278
Farming systems	107	197	290	372	478	600	707	827	946	1061	1165	1279
Soil and water conservation	–	–	–	–	–	–	–	–	946	–	–	–
Agricultural meteorology	107	197	290	373	479	600	708	828	946	1062	1166	1280
Miscellaneous	–	–	–	373	–	–	–	–	–	–	–	–
Reports	108	197	290	373	479	600	709	829	946	1062	1166	1280
Conferences	109	198	291	374	480	600	710	829	947	1062	1166	1281
Books	109	198	291	374	481	601	710	830	947	1063	1166	1282
AUTHOR INDEX	1283											
SUBJECT INDEX	1351											
List of source journals	i											

EDITORIAL POLICY

Field Crop Abstracts is an abstract journal produced by the CAB INTERNATIONAL Information Institute (CABI-II). CABI-II's central function is the compilation of the CAB ABSTRACTS and CAB HEALTH bibliographic databases. CABI-II aims to achieve growth of its programme through new projects, often in collaboration with other organizations and backed by external funding, for the benefit of the international community.

Field Crop Abstracts is derived from the CAB ABSTRACTS database which covers the significant research and development literature in the fields of agriculture, forestry, aspects of human health, human nutrition, animal and veterinary science and the management and conservation of natural resources.

The CAB ABSTRACTS editorial policy is to:

- scan all relevant literature
- record comprehensively the most relevant and scientifically significant material
- record all bibliographic details accurately
- prepare informative, fact-filled abstracts for all items reporting new findings or reviewing original research
- write the abstracts in clear, concise, unambiguous English with consistent usage of terms and abbreviations
- index all important concepts within each record with the most appropriate terms selected from the CAB Thesaurus, CABI's controlled vocabulary.

This policy relies on the expertise of CAB INTERNATIONAL's 90 professional subject specialists and linguists who translate and summarise the international scientific literature in the subject.

Department of Plant Sciences and Natural Resources

Head:

S.L.A. Hobbs DPhil

Quality Manager:

P. Wightman BSc

Scientific Information Officers

Biotechnology	D.J. Hemming PhD, D.G. Massey BSc, J.M. Palmer MSc, K.A. Rowlett PhD
Field Crops	A.M. Doroszenko PhD, R.E. Austin MSc, J.C. Bulson BSc, A.K. Chudasama MAgSt MSc, R.E. Hill BSc, K.E. Langdon BSc MIL, D.M. Mitcham MSc, D. Simpson PhD, L.J. Wootten BSc
Forestry	G. Petrokofsky BSc, B. Biggs BSc, T.J. Green BSc, A. Handley PhD, R.E.H. Haynes DPhil, H.M. Porter BSc
Horticulture	A.J. Rendell-Dunn BSc MIHort, C.D. Aldridge PhD, S.E. Brooks MA, D.J. Cousins BSc CBiol MIBiol, A.C. Elliston BSc, J.M. Kisz BSc MIHort, R.M. Merryweather MSc, C. Parker BSc
Plant Breeding	A.M. Praciak BSc, B.F. Cooper PhD, H.J. Dawson PhD, D.E. Mitchell MSc, A.G. Pearson MSc
Plant Entomology and Weed Science	I.L. Tonnet PhD, E.D.L. Brooks PhD, S.C. Brown BA, D.S. Buckley PhD, B. Burger BSc, L.M. Ridout PhD, L. Thorn BSc
Plant Pathology and Nematology	J.A. Brunt MSc, V. M. Cottrell BSc, P.A. Farnell BSc, K. E. Hopkins BSc, L.A. Martyniuk MA MIL, S.F. Siddiqi BSc
Soils	L. Connor BSc DipInfSc MIInfSc, D. J. Eldridge BSc, B. Lascelles PhD, S. Stokes MSc, K. Whitaker BSc, G.P.R.Yeates DPhil

AUTHOR INDEX

Aach, H. 7114
Aadesen, G. J. 2109
Aarrouf, J. 1178
Aase, J. K. 1856
Aasiya Khanum 7143
Abad, L. 2640, 7754
Abadía, A. 896
Abadía, J. 896
Abak, K. 4642
Abasary, A. M. 4261
Abawi, G. Y. 2334
Abaye, A. O. 3348
Abaye, O. 5887
Abbas, A. M. 7688
Abbas, S. F. 3986
Abbas, Z. 8535
Abbasher, A. A. 1632
Abbate, V. 1972
Abbott, R. J. 8777-8780
Abbott, T. P. 9529
Abd-Alla, M. H. 3082, 4899
Abd-El-Hakem, Y. A. 1276
Abd El-Moez, M. R. 5446, 5733
Abd-El-Samie, F. S. 648
Abd-Mishani, S. 5356-5357
Abdalla, A. W. H. 2925
Abdalla, M. M. 1349-1350
Abdalla, M. M. A. 535, 1207
Abdalla, O. S. 4489
Abdalla, T. E. E. 8345
Abdel-Aal, A. E. 5460
Abdel-Aal, S. A. 1207
Abdel-Azize, I. M. A. 5433
Abdel-Fattah, A. 3746
Abdel-Gawad, M. H. 1603
Abdel-Ghaffar, B. A. 6861
Abdel-Hameed, M. 5399-5400
Abdel-Khalek, N. 1218
Abdel-Malak, K. K. I. 1252, 5886
Abdel-Moeium, Z. S. 2925
Abdel-Nasser, L. E. 1366, 5460
Abdel-Sabour, M. F. 3383
Abdel-Samie, F. S. 2300
AbdelKader, F. H. 1556
Abdelkader Benbelkacem 7171
Abdellatif, M. 2517
Abdelly, C. 4128
Abdelwahab, S. 1187
Abdishekur Wondimu 3752
Abdrabou, R. T. 1461, 5435
Abduazimov, Kh. A. 8491
Abdul Aziz 7374
Abdul Bari 5
Abdul Ghaffar 3935
Abdul Ghafoor 244
Abdul Ghani 9315
Abdul Majeed 7374
Abdul Razzaq 6171
Abdul Wahid 7790
Abdulkadir Elmi 9111
Abdullaev, A. 730, 5896
Abdurahman, J. 3752
Abdurakhmanova, Z. N. 730, 5896
Abe, J. 4532, 8154, 8210
Abe, K. 1005, 1010, 7117
Abe, S. 2293, 6463
Abe, T. 998, 1004, 2313
Abel, G. 3273
Abelhalim, A. Z. 5593
Abell, D. C. 4194
Abelskov, A. K. 6324
Abernathy, J. R. 2584
Abhijit Saha 801
Abid Askari 1971
Abid Hussain 8037
Abiye Astatke 1455
Ablett, G. R. 3095-3096
Abney, T. S. 3094
Abo El-Seoud, M. A. 3383
Abo-Shady, A. M. 4261
Abo Sitta, Y. M. 1655
Aboague, L. M. 4040
Abou-Bakr, Z. Y. M. 1655
Abou-Salama, A. M. 814, 1276
Aboubakar, Y. 2960
Abrams, G. D. 7963
Abrams, S. 7840
Abrams, S. R. 2166, 6394, 7963
Abrecht, D. G. 2188, 8940, 9235
Abreu, C. A. de 3948, 6815
Abrol, I. P. 2276
Abrol, Y. P. 4866, 7953
Abromeit, M. 3644
Abu-Irmaileh, B. E. 1854
Abu Warda, A. M. A. 4488
Abuo-El-Wafa, M. H. 5800
Abutu, I. U. 3968
Acebes, J. L. 2457
Acedo, A. L., Jr. 2562
Acedo, V. Z. 5854
Acharya, C. L. 5344, 6264, 7217
Acher, A. 3051
Achiwa, K. 2024
Achremowicz, B. 2480
Achwan, F. 1389
Ackley, J. A. 529, 1220
Acock, B. 2395, 6605, 6611
Acock, M. C. 2395
Acosta, A. da S. 8260
Acosta-Avalos, D. 8094
Acosta-Gallegos, J. A. 3209
Acosta S., M. 9331
Acquaye, D. K. 186
Acuña, O. 1825
Adachi, N. 2324
Adachi, T. 1076, 3103-3104, 8593
Adair, M. 5878
Adak, M. K. 1694, 9047
Adak, M. S. 7800, 8715
Adam, B. 1208
Adam, S. M. 1102
Adam, Z. 4046, 7831
Adam Khan 6342
Adamczewski, K. 1490, 1560, 1859
Adamczyk, J. 212
Adamec, J. 5918
Adamec, V. 5214
Adamenko, S. M. 509
Adamiak, E. 3280
Adamiak, J. 3280
Adamonytė, G. 6746
Adamovský, F. 3487
Adams, H. 3263
Adams, M. Z. 835
Adams, W. A. 6179
Adams, W. W., III 1286, 2076
Adamska, I. 7486, 9501
Adamson, I. 9069
Adefris, T. 6921
Adema, F. 8417
Adetimirin, V. O. 5454, 8917
Adetunji, M. T. 8024, 8122
Adewumi, J. K. 2328
Adewumi, P. O. 6345
Adhaoo, S. H. 447
Adhikari, B. 6088
Adiku, S. G. K. 4116
Adipala, E. 5246
Adisak Chiampiriyakul 1692
Adisarwanto, T. 2446, 2477-2479, 2482, 6627
Adjei, M. B. 1365
Adkins, S. W. 3043
Adlercreutz, H. 7996
Adomas, B. 4307
Adriano, D. C. 7247
Adsule, V. M. 9249
Adu-Gyamfi, J. J. 2454, 3247, 9063
Aducci, P. 939, 7891
Aduloju, S. O. 6345
Adviento, M. A. A. 4674
Ae, N. 738, 4393, 5196
Aelst, A. C. van 8549
Aery, N. C. 8861
Afentouli, C. G. 831
Affholder, F. 8199
Afghan, S. 2042
Afifi, A. H. A. 9359
Afify, A. H. A. 8471
Afolabi, J. F. 9344
Afridi, M. M. R. K. 1351, 1510, 5165, 6296, 6941
Afton, A. D. 7871
Afza, R. 3917
Ag-Seed Research Pty Ltd 1994
Agarie, S. 3869, 9341
Agarwal, H. R. 3240
Agarwal, M. C. 5977, 8727
Agarwal, R. K. 3239
Agarwal, S. K. 2611, 3394
Agarwal, V. K. 3939, 4768
Agata, W. 3863, 3869, 5552, 6469, 6481
Agati, G. 1822
Agazio, M. de 2245
Agboma, P. C. 7387, 7411, 8578
Agboola, D. A. 7404
Ageev, B. G. 2693
Agegnehu, M. 8572-8573
Agenbag, G. A. 829
Ageorges, A. 2257
Aggarwal, A. 5130
Aggarwal, P. K. 9556
Agnihotri, N. P. 1913
Agnihotri, Y. 7736, 9486
Agnolucci, L. 882
Agostini, E. 5965, 9298
Agrawal, D. C. 8492
Agrawal, H. P. 7933
Agrawal, K. B. 4691
Agrawal, K. K. 1750, 3109-3110, 3974
Agrawal, M. 2271, 5361
Agrawal, M. L. 9443
Agrawal, R. L. 7888
Agrawal, S. K. 3109, 3974
Agrawal, S. R. 6245
Agrawal, V. K. 4764-4765, 6594
AgriScientia 6148
Agronomski Glasnik 6143
Aguiar Netto, A. de O. 6695
Aguila, R. del 4649
Aguilar, M. 969
Aguilar Rincón, V. H. 7286
Aguilera, A. 7250
Agustin, E. O. 2275
Agyare, J. A. 7172
Ahasan, A. K. M. M. 9174
Aher, R. P. 4830, 7571-7572
Ahlawat, I. P. S. 7076
Ahlawat, R. P. S. 983
Ahlbrink, R. 7481
Ahmad, A. 2459
Ahmad, E. 508
Ahmad, G. 5
Ahmad, J. 3608
Ahmad, M. 457, 1996, 5789, 7673, 9159
Ahmad, M. H. 1142
Ahmad, M. S. 6540
Ahmad, N. 622, 6261
Ahmad, R. 1268
Ahmad, S. 1512, 1914, 5184, 6535, 7695, 8535
Ahmad, Z. 7065
Ahmed, A. 2628
Ahmed, A. H. H. 7257
Ahmed, C. M. S. 500
Ahmed, I. U. 2291
Ahmed, J. U. 7548, 7552, 7555
Ahmed, K. Z. 333
Ahmed, M. 89
Ahmed, M. A. 3730, 5630, 6945
Ahmed, R. 3985, 7596
Ahmed, S. 7900, 9237
Ahmed, S. I. 1971
Ahn, B. O. 374, 7465
Ahn, G. S. 3403
Ahn, J. H. 4204-4205, 6785
Ahn ByoungOg 374, 7465
Ahn GaeSoo 3403
Ahn JaeHoon 4204-4205, 6785
Ahuja, K. L. 9387
Ahuja, K. N. 4491
Ahuja, L. R. 2893
Ahuja, R. L. 7036
Aibar, J. 842
Aidaoui, A. 6521
Aiga, I. 1295, 4296
Aiken, R. M. 7836
Ailincăi, D. 7926
Ainsley, A. E. 4931
Aisha Shereen 935
Aissaoui, N. 1204
Aita, C. 2882
Aitani, T. 7458
Aitken, R. L. 7276
Aivalakis, G. 7749
Aizawa, H. 287
Ajay Kaushal 1083
Ajay Pandey 1280
Ajayi, O. 8180
Ajlouni, M. M. 4953
Akakpo, K. 6794
Akamigbo, F. O. R. 1945
Akano, D. A. 9344
Akanov, E. N. 5362
Akanova, N. I. 6990
Akasaka, Y. 9177
Akashe, V. B. 4077-4078, 9221
Akazawa, T. 8271
Akbar, H. 3606, 6343
Akbar Mehrsheikh 8920
Akbari, A. 7095
Akbay, G. 7800, 8715
Akçay, Y. 9547
Akdağ, C. 3210
Akdeniz, F. 2706
Aked, J. 2569-2570
Åkerlund, H. E. 9504
Akhtar, M. 4185
Akin, D. E. 1964
Akinnifesi, F. K. 5425
Akins, D. C. 9282
Akintoye, H. A. 8891
Akintunde, A. Y. 8917
Akinwumi, J. A. 2709
Akita, S. 5497, 5549, 8155
Akiyama, T. 290, 5231, 7345
Akiyama, Y. 2215, 2226
Akiyoshi, H. 2503
Akkal, N. 844
Akobundu, I. O. 591, 6735
Akohoue, S. 2622
Akondé, T. P. 1586, 2712
Akoš, B. 6748
Akromah, R. 2106
Aksenov, I. V. 7696
Aksenova, S. P. 3689
Aktaç, T. 3618, 7954
Akulov, P. G. 6747
Akyeampong, E. 1582
Al-Abdulsalam, M. A. 4837
Al-Ansari, F. M. M. 7901
Al-Ashwat, A. A. 8471, 9359
Al-Darby, A. M. 3213
Al-Hakimi, A. 850
Al-Hamed, S. 2955
Al-Hemyari, A. A. 410
Al-Karaki, G. N. 7496
Al-Khayri, J. M. 4721
Al-Mazrooei, S. 1248, 1941
Al-Niemi, T. S. 6702
Al-Sheikh, A. A. 3213
Al-Tahir, O. A. 4837

Al-Thahabi, S. A. 1854
Al-Wakeel, S. A. M. 2474-2475
Alacho, F. O. 2520
Alagawadi, A. R. 7368
Alam, B. 1772
Alam, S. M. 7357
Alamgir, A. N. M. 2825, 8824
Alb, S. 8904, 9494
Albà, M. M. 4399
Albacete, M. E. 3711
Alban, C. 2922, 3186
Albarrán, R. 4342
Alberdi, M. 5834
Albersheim, P. 5148, 6653
Albert, J. 9545
Alberto, A. M. P. 4700
Alberts, E. E. 2888
Alblas, J. 2884, 5192
Albrechtsen, R. S. 33
Albright, J. W. 8237
Albuquerque, J. A. 2948
Alburquerque, N. 6860
Alcantara, J. M. 252, 973
Alcasid, G. N., Jr. 2443
Aleem, M. M. A. 2773
Aleiv, A. M. 8742
Aleixo, A. L. 5095
Alejo, A. R. 280
Alekhina, E. B. 6871
Alekhina, N. D. 8786
Alekseev, Yu. V. 7721
Alemany-García, M. 4086
Alemayehu Nigussie 6921
Alena, J. 6390
Alencar, A. R. de 8513
Alen'kina, S. A. 2827
Aleshin, E. P. 2979
Alessi, R. S. 7865
Alewijnse, D. 3636
Alexakhin, R. M. 1747
Alexander, D. 435
Alexandre, A. D. 8358
Alexandre, F. 7685
Alexandrov, V. A. 3807
Alfenito, M. 7527
Alföldi, T. 4467
Alfonso, J. L. 4180
Algader, A. H. 8114
Ali, A. 457
Ali, A. M. 2341
Ali, A. M. A. S. 2773
Ali, E. A. 4029
Ali, I. A. 8182
Ali, M. 5633
Ali, M. A. 3608
Ali, M. H. 5111, 6904
Ali, M. I. 3985
Ali, M. M. 5470
Ali, M. O. 7748
Ali, N. 4804
Ali, S. 1022
Ali, S. A. 1351, 1353, 1364, 2033, 5165, 6941
Ali, Z. I. 8182
Ali-Khan, S. T. 1216-1217
Ali Zeghida 7171
Alia 1318
Alibert, G. 4295, 5953
Aliev, K. A. 730
Alijev, A. M. 8742
Alim, M. A. 4594
Alkan, A. 6548
Alkanani, T. 1609
Alla, M. M. N. 2376, 6581-6582
Allakhverdıev, S. 8086
Allam, A. E. H. Y. 819
Allan, D. L. 1862-1863, 5957
Allan, R. E. 7129
Allen, D. J. 6888
Allen, E. J. 549
Allen, G. J. 3200
Allen, J. F. 9190
Allen, J. R. 9423
Allen, L. H., Jr. 2700, 3883, 4728, 8174-8175
Allen, R. L. 8485
Allender, W. J. 5053, 5060
Alley, M. M. 14, 5447
Allison, B. E. 1038, 4025
Allison, D. 7032
Allison, M. F. 1198, 1887-1888
Allotey, D. F. K. 6013, 9437
Alloway, B. J. 823
Allsopp, P. G. 2043, 2045
Alm, D. M. 2695
Almazan, A. M. 1940
Almeida, J. A. S. de 7704
Almekinders, C. J. M. 4182, 7640
Aloke Bhattacharjee 3395
Alonso, J. 8930
Alonso, J. M. 842
Alonso, P. J. 2495
Aloui, B. 2793, 2817
Alpaslan, M. 2819
Alpi, A. 83, 3928, 4754
Alred, R. 6110
Alscher, R. G. 4043
Alston, A. M. 23, 5282
Altabella, T. 103, 9525
Altaf Hussain 6275, 7649
Altaf-ur-Rehman Rao 7790
Altamura, M. M. 2028
Alten, H. von 4266
Altieri, P. 5138
Altman, A. 7278
Altschmied, L. 5724
Altuzar-Martínez, M. 8068
Alvarado, J. W. V. 2284
Alvarado Capó, Y. 9331
Alvarado-Gil, J. J. 8094
Alvarenga, C. G. 4270
Alvarenga, E. M. 8031, 8260, 8280
Alvarenga, R. C. 1168
Alvarez, A. 9030
Alvarez, J. A. 867
Alvarez, J. M. 4599
Alvarez, M. 713, 4233, 4634
Alvarez Solís, J. D. 1418
Alvergna, P. 8869
Alves, B. J. R. 1141, 1143
Alves, D. R. B. 4597
Aly, R. M. 1894
Aly, S. S. M. 3682
Amacher, M. C. 5315
Amadalo, B. A. 8021
Amador Ramirez, M. D. 4604
Amaducci, M. T. 1282, 2492, 3963
Amaducci, S. 2492
Åman, P. 2839, 5720, 7996
Amâncio, S. 3763
Amanullah 6874
Amanuma, M. 561
Amaral, R. D. 6362
Amaral Teixeira, D. 543
Amarante, C. V. T. do 6761
Amarante, S. T. 980
Amaregouda, A. 4799
Amăriucăi, M. 778
Amarowicz, R. 4317, 9409
Amasino, R. M. 5211
Amaya, A. 7782
Ambasht, N. K. 2271
Ambassa-Kiki, R. 2960
Ambawatia, G. R. 3942
Ambekar, S. S. 7560
Amberger, A. 7521
Ambrish Kumar 7789
Ambrose, M. 3197
Ambrosi, I. 7999
Ambrósio, L. A. 3388, 9122
Amelin, A. A. 9324
Amelina, S. E. 9324
Amer, A. A. 1505, 1534
Ameri, S. A. 1429
American Potato Journal 2122
Americanos, P. G. 526
Amien, I. 305
Amina 8251
Amir, J. 8-9, 48
Amit Shukla 5174
Amitava Roy 5129
Amitha, K. 5771, 9241
Amitreva, S. N. 3321
Amjad, M. 4894
Amler, P. 2145-2146
Ammal, U. B. 6438, 8987
Ammon, H. U. 2910, 7211
Ammosova, Ya. M. 6637
Amnat Suwanarit 1617
Amonoo-Neizer, E. H. 2565
Amor, M. 5413
Amrhein, N. 3770
Amsal Tarekegne 6301
Amtmann, A. 6316, 6995
Amzallag, G. N. 4741
An, L. Z. 2186, 3676
An, S. I. 4732
An LiZhe 2186, 3676
An SongII 4732
Anaç, D. 7702
Anai, T. 2644
Anamika 1899
Anantharaman, M. 5243
Ancha Srinivasan 2003
Ancheta, O. 2048
Anconelli, S. 1900, 7806
Anda, A. 4152
Andani Gowda 3470
Anđelković, M. 3284
Anders, M. M. 2454
Andersen, A. 3691, 5375
Andersen, M. N. 671, 2002, 7730, 8680
Andersen, S. B. 5343
Anderson, A. J. 5272
Anderson, D. L. 6042
Anderson, D. M. 2581, 6821, 6836
Anderson, E. J. 4721
Anderson, G. W. 1625
Anderson, H. M. 4452
Anderson, I. C. 6405
Anderson, J. A. D. 1910
Anderson, J. L. 203, 5493
Anderson, J. M. 3181-3182, 3196, 5140, 7482
Anderson, J. W. 1065, 1759, 5655, 7151, 7431, 8250
Anderson, L. E. 2412
Anderson, R. L. 329
Anderson, W. K. 5274
Andersson, A. 4535
Andersson, B. 7486, 9514
Andersson, R. 2839
Andersson, S. 2052
Andhale, R. P. 5576
Andia, L. H. 5261
Ando, A. 3849, 6501
Ando, I. 5497
Ando, K. 5496
Ando, T. 3497
Andoka, G. 9440
Andrade, F. H. 2083, 5202
Andrade, F. P. de 8513
Andrade, G. 3195, 9203
Andrade, L. R. M. de 3630, 7110, 7113
Andrade, R. V. de 8096, 8183
Andralojc, P. J. 1131, 2430, 4088, 6110
André, J. P. 4863
André, P. 7878
Andreev, I. M. 1866, 9297
Andreeva, N. V. 8742
Andrei, E. 659
Andrejeva, N. V. 8742
Andrén, O. 877
Andreo, C. S. 1343, 1644, 1646, 6385
Andreoli, C. 8096
Andreoli, Y. E. 3683
Andres, A. 4655
Andres, E. 4160, 7612, 8633
Andrews, A. S. 2334
Andrews, C. J. 1050, 2944, 3671, 8085
Andrews, F. 8517
Andrews, J. A. 6574, 7410
Andrews, J. R. 952
Andrews, M. 2214, 2363
Andrianova, Yu. E. 8723
Andrieu, B. 2499, 7620, 8428
Andriïchuk, T. A. 1221
Andronova, L. A. 6637
Anduaga, R. 2431
Anelli, G. 4286
Anfimova, Z. D. 9366
Angelescu, M. 489
Angeli, A. 3278
Angelini, L. 3963
Angelini, L. G. 9430
Angelini, R. 207, 8413
Angelov, I. 2807, 2842, 2870
Angelov, M. N. 7491
Angelova, S. 474
Angelovič, M. 174
Angenon, G. 5754
Angers, D. A. 9091
Angiras, N. N. 803, 4474, 5344, 8726
Angonin, C. 3614
Angrish, R. 4711, 4755
Angus, J. F. 5135, 7895, 8163
Ángyán, J. 2809
Anh Thu Pham Thi 2429
Anibaba, T. S. 9069
Anikst, D. M. 3589
Anil Choudhary 4865
Anil Grover 9038
Anil Khippal 5187
Anindita, R. 8020
Anioł, A. 1540, 7163
Anishin, L. A. 4912
Anisimovienė, N. 5739, 6668
Aniszewski, T. 3578
Anita Mishra 303, 9033
Anita Saha 9047
Anitha Naren 3642
Anjali Chatrath 453
Anju Chaudhary 678
Ankaiah, R. 6519
Anken, T. 4469, 7211
Annamalainathan, K. 2388
Annan, I. B. 4872
Annapurna, A. 3044
Annerose, D. J. M. 4117
Annicchiarico, P. 8687
Ansari, H. R. 2636
Ansari, S. A. 1510
Ansari, T. M. 7582
Antaras, T. 1552
Antelo, L. 477
Anten, N. P. R. 7342
Anthony, D. 4243
Anthony, D. T. W. 7659
Anthony, P. 5001
Anthony, S. 1423
Anthony, W. S. 5048
Antikainen, M. 5219, 7165
Antipina, A. I. 1541
Antipov, A. N. 1115, 9189
Antipova, O. V. 6112
Antognoni, F. 3440
Anton, N. A. 1981
Antonelli, F. 4857
Antonielli, M. 2874, 3710
Antonioletti, R. 7133
Antoun, G. G. 5297
Antoun, H. 2953
Antunes, A. M. G. 4144
Antwerpen, R. van 7784
Anuj Maheshwari 1150
Anupa Singh 2445
Anuradha 3419
Anuradha, K. 8223, 9146
Anuradha, M. 2472, 5799
Anuradha Varier 4791
Anurag Saxena 1405, 2351, 6536
Anwar, M. 656
Anwar, M. N. 6712
Anwar, R. 4200
Anwar, S. A. 3986
Aoki, K. 8991
Aoshima, H. 5917, 8510
Aotsuka, S. 7676
Aparicio-Tejo, P. M. 8855
Apel, K. 3708
Apel, P. 6926
Apolinarska, B. 5387
Apostolova, E. L. 4832
Appeldoorn, N. J. G. 7638
Appezzato-da-Glória, B. 2345
Appleford, N. E. J. 7962
Aquino, T. 7292
Arabinda, S. 2230
Arai, M. 6010
Arai, S. 7117
Arain, M. Y. 4803
Arakaki, A. K. 5203

Arakawa, I. 1712, 3007
Arakawa, T. 4089, 6690
Araki, H. 217, 2319, 6463
Araújo, G. A. de A. 8354-8355
Araus, J. L. 872, 5417, 7188, 8010
Arauzo, M. 1803
Arazi, Y. 4971
Arbiol, R. 8877
Arbuzova, I. N. 5314
Archambault, D. J. 1504, 3656, 4505
Archana Mukherjee 5840
Archana Singh 6789
Archer, J. R. 5285
Archetti, R. 6205, 6216
Arciszewska-Kozubowska, B. 1867
Ardelean, M. 9306
Ardiarini, N. R. 9338
Ardizzone, F. 6456
Arenas-Pozo, M. 4086
Areses, M. 3197
Arévalo, C. G. 8767
Arf, O. 4844, 5749
Argandoña, V. H. 6313
Argentina, Estación Experimental Agro-Industrial 'Obispo Colombres' 783, 4450
Argentina, Instituto Nacional de Tecnología Agropecuaria 1434
Argüello, J. A. 2543
Argyropoulos, D. S. 8805
Arias, F. J. Z. 3462
Arias I., R. 7585
Aries, F. 8428
Arif, S. A. M. 1229
Ariffin 5082
Arihara, A. 1909
Arihara, J. 7397
Arikado, H. 9039
Arima, S. 6103
Arimura, G. 1335
Arita, T. 4171, 4173
Ariyanayagam, R. P. 4875
Ariyaratne, H. P. 7551
Arjun Sharma 5924
Arkad'eva, M . F. 2556
Arkhipov, M. V. 117
Arkhipov, N. P. 1747
Arkhipova, N. S. 694
Armero, J. 4126
Armstrong, A. 1400
Armstrong, A. C. 9546
Armstrong, E. L. 4365
Armstrong, M. J. 1887
Armstrong, R. D. 6744
Arnholdt-Schmitt, B. 6120
Arnold, B. 9195
Arnold, G. M. 7138
Arnold, N. P. 6693
Arnold, R. N. 1922
Arnone, J. A., III 6855
Aro, E. M. 9514
Arokiaraj, A. 7312
Aroonkamonsri, W. 5132
Arora, A. 2174
Arora, B. R. 3620, 7077
Arora, L. 4511
Arora, M. K. 6127
Arrese-Igor, C. 7452
Arriel, N. H. C. 8513
Arrigoni, O. 4895, 5205, 8787
Arroz 4651
Arruda, P. 7269
Arsenault, W. J. 514-517
Arshad, M. 6275, 7649
Arshad, M. A. 5961, 7480, 8721
Arshi, Y. 7707
Arsova, A. 6308, 6356
Arteca, R. N. 7859
Artemenko, S. F. 2741
Arthamwar, D. N. 5123, 5914, 5931-5932, 5978, 5980
Artyszak, A. 1885
Aruna Rajagopal 990, 7408
Aruna Sharma 3236
Arunachalam, A. A. 8130
Arunachalam, G. 315
Arunachalam, L. 6716
Arús, C. 8930
Arvadia, M. K. 3264
Arvidsson, J. 9200
Arvidsson, P. O. 9504
Arvind Kumar 4376, 9415
Arya, B. S. 4462
Arya, K. R. 2009
Arya, M. P. S. 322, 1164, 1735, 5156, 7382
Arya, R. L. 2332, 7525
Aryan, A. P. 6321
Arzee, T. 7278
Arzuaga, J. 4209
Asaad, F. A. 5399-5400
Asad, A. 6891, 8544
Asada, K. 9054
Asadu, C. L. A. 1945
Asai, T. 8991
Asami, T. 8865
Asano, M. 9128
Asanuma, K. 2530, 2538
Asanuma, K. I. 5672
Asard, H. 1138, 3217
Asare-Bediako, A. 8464
Ascencio, J. 4883
Ascencio, S. 5834
Ascione, S. 5137
Asensio-Drima, C. 4352
Asghar, K. A. 1907, 1927
Asha Saksena 7373
Ashari, S. 9338
Ashenden, T. 1409
Asher, C. J. 4212, 4215-4218, 4220, 4227, 4230-4231, 4453
Asher, J. B. 7297
Ashford, D. A. 8065
Ashihara, H. 9245
Ashiq Hussain 97
Ashley, D. A. 9140
Ashlock, L. O. 5614
Ashok Kumar 1275, 4755, 8729, 8731, 9384
Ashok Tiwari 264
Ashok Yadav 470, 8079
Ashoub, A. H. 1871
Ashoub, M. A. 5433
Ashour, I. A. 3605
Ashraf, M. 5323, 5788, 5956, 6872, 7142-7143, 7582, 8776, 8823
Ashraf, M. Y. 8818
Ashtab, I. V. 8074
Ashwani Pareek 9038
Ashwath, N. 3050
Ashworth, E. N. 4858
Askar, F. A. 4175
Askari, A. 1971
Askew, J. E. 5614
Aslam, M. 140, 2862, 3832
Aslam Khan 6342
Asma Lodhi 1679
Aso, P. 6017
Asok Saha 6970
Asokaraja, N. 630
Assemat, L. 1633
Asseng, S. 8792
Assmann, S. M. 1126, 4840
Åssveen, M. 2199
Astafurova, T. P. 1578, 2693
Astatke, A. 324, 1455
Asthir, B. 9457
Astley, D. 1099
Åstot, C. 6006
Aswathaiah, B. 907, 4641
Aswathanarayana, S. C. 907
Aswathnaryyan, S. C. 4641
Atalay, A. 7800, 8715
Atale, S. B. 7094
Atanassov, P. 8875
Atanda, O. O. 9344
Atashi, A. 8941
Ateh, C. M. 1062
Athar, M. 4434
Atherton, J. 3675
Atherton, J. G. 8794
Atherton, N. M. 349, 1399
Atıcı, Ö. 3221
Atienza, M. 6850
Atkins, C. A. 4114
Atkinson, D. 4557
Atkinson, P. M. 2227, 6278
Atlin, G. 1476
Atmawinata, O. 8100
Attar, H. A. 4175
Attarde, D. R. 5188, 5264, 5921, 6085
Attari, A. A. 7095
Attia, A. M. 8950
Attia, S. A. M. 1981
Attia, Z. M. 1948, 5423
Atwell, S. 5028
Atwell, S. D. 5024, 5043
Atwell, W. A. 7126
Atwood, J. D. 8955
Aubert, S. 4187
Audsley, E. 6132
Aufhammer, W. 1608, 1742, 2135, 2666, 5159
Augé, R. M. 1157, 5773
Augiewicz, U. 1490, 1560
Aujla, T. S. 1482
Aumont, G. 5172
Aune, J. B. 8945
Aura, E. 4404
Aurisano, N. 1020
Aussenac, T. 815, 2169
Australia, Australian Centre for International Agricultural Research 6137
Australia, CSIRO Division of Plant Industry 2582-2583
Australia, Department of Primary Industries and Fisheries, Northern Territory 2118
Australia, Department of Primary Industry and Fisheries, Northern Territory 6141
Australia, Division of Tropical Agriculture 6713
Australia, Horticultural Research & Development Corporation 781
Australia, Institute for Horticultural Development, Agriculture Victoria 2721
Australia, New South Wales Agriculture 1475, 1869
Australia, New South Wales Department of Agriculture 6731, 6885-6887
Australia, Northern Territory, Department of Primary Industries and Fisheries 4279
Australia, Queensland Department of Primary Industries 6577
Australia, Sugar Experiment Stations Board 6947-6954
Australia, Western Australia Department of Agriculture 6226-6228, 6281
Australian Journal of Experimental Agriculture 9577
Auwalu, B. M. 1982
Avav, T. 3968
Aveline, A. 4019
Averina, N. G. 3707, 6318
Avijit Sen 1514
Avila, A. de L. 2543
Avramenko, P. M. 9290
Awadallah, R. M. 5800, 8867, 9080
Awai, K. 8264
Awal, H. M. A. 4821
Awari, H. W. 8435
Awasthi, R. P. 1061, 4665
Awaya, Y. 5231
Ayala, F. 8823
Ayars, J. E. 598, 3342, 3368, 6808
Ayaz, F. A. 4129, 4893
Aydin, H. 6424
Aydın, Ş. 2609
Ayele, M. 3917
Ayerbe, L. 9371
Ayerza, R. 4269-4270
Ayet, G. 476
Ayisi, K. K. 5957
Aytaç, S. 9157
Ayuk, E. 9492
Ayupova, D. A. 1795
Ayuso, M. 2852, 3699, 6331
Ayyamperumal, A. 3450, 6050
Ayyaswamy, M. 2564, 8626
Azad, B. S. 7100
Azad Singh 4934, 6762
Azaizeh, H. A. 1815
Azam, F. 1679, 5323, 6378
Azam, M. 7649
Azam-Ali, S. N. 7545
Azcón, R. 3195
Azcón-Aguilar, C. 7711, 9203
Azevedo, D. 5865
Azevedo, D. M. 5864
Azevedo, J. T. de 8096, 8183
Azevedo, R. A. 3849
Azinheira, H. G. 1548
Aziz, A. 7729
Aziz, M. A. 6721
Aziz, O. 7803
Azmi, A. R. 7357, 8818
Azuma, T. 994, 5546
Azzaoui, A. 2841
Azzazy, N. B. 6028-6029
Azzini, L. E. 3014, 6450
Baba, K. 4512
Baba, T. 4618
Babakov, A. V. 4922
Babani, F. 1527
Băbeanu, N. 7214
Babenko, V. I. 7416
Babhulkar, P. S. 5632
Babhulkar, V. P. 5632, 7070
Babiano, M. J. 8406
Babich, A. O. 3971
Babiker, E. A. 8719
Babu, K. S. 7546
Babu, L. C. 9271
Babu, P. C. S. 1784
Babu, R. 2065, 8046, 8192, 8419
Babu, R. C. 4723
Babu, R. S. 5579, 6124
Babu, S. C. 1725
Babula, J. 3496
Baca-Castillo, G. 9227
Bacanamwo, M. 1761, 7454
Bacci, L. 2346
Bachchhav, S. M. 343, 373
Bachelet, D. 6510
Bacher, A. 7280, 8928
Bachinger, J. 4551
Bachmeier, O. A. 7834
Bacic, A. 8589
Back, N. H. 6429
Back NamHyun 6429
Bacon, A. 6651
Bacon, M. A. 7289
Badalucco, L. 5190, 8913
Badawi, M. A. 566-567
Badawy, F. H. 6670-6671
Bade, G. H. 5578
Badenas, C. 7028
Bader, K. P. 3432, 8328
Bader, M. J. 7668
Badger, M. R. 5140
Badiani, M. 2788, 2822, 7135
Badigannavar, A. M. 8539
Bădilă, I. 8904
Badini, L. 3440
Badiyala, D. 3913
Bado, S. 7938
Badr-Uz-Zaman 1987
Badr-uz-Zaman 9388
Baek, I. Y. 8235
Baek InYoul 8235
Baena, D. 963
Baenziger, P. S. 35-36
Baerdemaeker, J. de 3530
Baerg, R. J. 4869
Bærug, R. 3298
Baeta, J. 3694
Baets, A. E. G. de 7170
Baeumer, K. 7725
Báez, E. 708
Bagal, P. K. 421-422
Bagby, M. O. 5915
Bagchi, D. K. 977, 2115
Bagci, S. A. 6186
Bagga, A. K. 9254
Bagheri, A. 397
Bagnall, R. H. 514-517
Bagnaresi, P. 213

Bagni, N. 2028, 3440, 3524
Bago, B. 7711
Bagyinka, T. 2753
Bah, A. R. 8960
Bahçeci, Y. 6677
Bahl, G. S. 4814, 9387
Bahr, J. T. 1623
Bai, B. Z. 1889
Bai, D. L. 4693
Bai, H. X. 4006, 8262
Bai, J. H. 6618
Bai, K. Z. 3884
Bai, Q. 4540
Bai, S. 1889
Bai BaoZhang 1889
Bai DeLang 4693
Bai HuiXia 4006, 8262
Bai KeZhi 3884
Bai Song 1889
Baidanova, V. D. 5352
Baïdina, N. L. 4989
Baier, A. C. 5609
Baier, M. 2212
Baig, M. B. 3832
Baijal, U. 4298
Baikov, P. Ya. 401
Bailey, K. J. 2864
Bailey, K. L. 6172
Bailey, L. D. 121, 5926, 8903
Bailey, R. J. 499, 2501
Bailey, S. E. R. 832
Bain, H. 9332
Baiocchi, A. 6014
Baisakh, N. 8314
Baitullah 3606
Baize, D. 8784
Bajaj, J. C. 3494
Bajaj, S. 3008
Bajči, P. 3472, 3514
Bajci, P. 490
Bajoras, G. 2198, 3067
Bajpai, R. P. 8397
Bak, S. 5586
Bakalova, A. T. 2647
Baker, C. M. 5933
Baker, D. A. 788, 1042, 1737
Baker, J. L. 112
Baker, J. T. 8174-8175
Baker, N. R. 952, 2737, 6888, 7149
Baker, R. J. 1522
Baker, S. H. 5018
Baker, W. 5887
Baker, W. H. 8480
Bakhara, C. K. 7320-7321
Bakhtenko, E. Yu. 104
Bakhuizen, R. 4571
Bakiamoh, S. B. 2565
Bakun, A. I. 113
Bal, A. K. 6597, 8322
Bal, S. 4745
Bala, B. 6968, 9482
Bala Nambisan 5005
Balachandran, P. V. 9015
Balachandran, S. 7870
Balagopalan, C. 2570
Balakrishnan, A. 3075
Balakrishnan, V. K. 278, 6629
Balangé, A. P. 1963, 7685
Balasubramaniam, N. 7403
Balasubramanian, A. 278, 1023, 7312, 7699, 8186
Balasubramanian, M. 259
Balasubramanian, N. 2373
Balasubramanian, R. 8130
Balasubramanian, T. N. 2716
Balasubramaniyan, P. 1277, 5088, 7462
Balázs, E. 1892
Balboni, N. 8098
Balchin, D. 160
Balconi, C. 4611, 7267, 7272
Baldoni, G. 1597, 6988, 7819
Baldwin, B. 2598
Baldwin, F. L. 4699
Baldwin, J. L. 286
Baldy, C. 6521
Baleroni, C. R. S. 4777
Balestrini, R. 958
Bali, A. S. 4671, 4671
Baligar, V. C. 3603, 6196, 6475, 7328, 8711
Balík, J. 3738
Balint, L. 7433
Baljit Singh 3620
Balkenhohl, T. 7951
Ball, D. A. 1480, 8412
Ball, J. T. 1419, 8639
Ball, K. L. 2866, 7006
Ballard, D. A. 5883
Ballard, T. M. 7310
Ballaré, C. L. 7848
Ballarin-Denti, A. 3441
Ballesteros, E. 5100
Ballesteros, R. 972
Ballio, A. 939
Ballo, D. 9492
Balnokin, Yu. V. 694
Balota, E. L. 1249
Balotă, M. 3666
Balsevich, J. J. 6394
Baltensperger, D. D. 35-36
Balusamy, M. 2373, 7403
Baluška, F. 2079, 2938, 7293, 8935
Băluțiu, C. 8904, 9494
Balyan, J. S. 4743
Balyan, R. S. 1483, 8770
Bamforth, I. 5105
Bamiro, F. O. 5860
Bana, O. P. S. 8629
Banakar, A. S. 444
Banba, H. 3103-3104
Bandana Bose 6913
Bandara, K. M. C. 2055
Banderalli, M. 4597
Banduła, A. 9257
Bandyopadhyay, P. K. 7225
Bandyukova, I. I. 5161
Banerjee, A. K. 8492
Banerjee, B. 3395
Banerjee, N. C. 1947, 5009-5010, 7656
Banerjee, S. K. 8168
Banerji, D. 8398
Banerji, R. 3271, 3426
Bång, H. 1918-1919
Bång, U. 545
Banga, M. 7307
Banga, S. 9403-9404
Banga, S. S. 9403-9404
Bangar, K. S. 6075
Bangarwa, A. S. 3424
Bange, M. P. 5950, 8489
Banghel, M. S. 1369
Banič, V. 5661
Banik, M. L. 3235
Banik, P. 1426, 2059, 2115, 9482
Banjoko, A. 5149
Bankar, W. V. 8393
Banks, S. W. 2592, 5066
Banks, W. B. 8810
Banowetz, G. M. 3643
Bansal, A. K. 4866
Bansal, G. L. 7122
Bansal, K. N. 8187
Bansal, R. L. 1837
Bansal, S. K. 8148, 8566, 9513
Bansal, Y. K. 3421
Bañuelos, G. S. 2622
Banwart, W. L. 2898
Banzatto, D. A. 513
Banze, M. 1075
Bao, D. J. 175
Bao, J. K. 6244
Bao, Y. D. 8114
Bao, Z. F. 270
Bao DeJun 175
Bao JinKu 6244
Bao YiDan 8114
Bao ZhengFa 270
Bapat, D. R. 5595
Barabás, K. 4415
Barak, P. 8353
Barakat, M. A. 4181
Baral, B. H. 9183
Baran, P. 510
Baran, S. 7245-7246, 7820
Baranenko, V. V. 6783
Baranowska, M. 9266
Baravelli, M. 6202, 6219
Barba, I. 8930
Barbarick, K. A. 5295
Barbato, R. 882
Barber, J. 9505, 9508
Barbiani, G. 6201
Barbier-Brygoo, H. 1332
Barbosa, E. M. 6695
Barbosa, M. D. 6695
Barbosa, P. M. 2707
Bârcă, G. 8089
Barcala, G. 8357
Barcelo, A. R. 4132
Barceló, J. 4617, 8054
Barčić, J. 665
Barciszewski, J. 4136
Barczak, B. 2836
Bardgett, R. D. 3806
Barefoot, R. R. 7844
Baret, F. 7620
Barfield, M. E. 5048
Bargale, M. 4124
Bargigia, F. 9093
Barhoma, M. A. 3615
Bari, A. 5
Bari, M. A. 8439
Bari, R. P. 5522
Bari, V. di 1588, 7371
Bariana, H. S. 838
Baričevič, D. 9320
Barik, A. 3157
Barik, A. K. 6970
Barinova, K. E. 6754
Barker, D. H. 1286
Barker, J. H. A. 2866, 6322
Barlow, E. W. R. 2187
Barlow, P. W. 2079, 2938, 3790, 4452, 5477, 7293
Barloy, J. 6376
Barman, R. N. 6920
Barna, B. 1230
Barnard, C. 8477
Barnard, R. O. 188, 8524
Barnaveta, E. 659
Barneix, A. J. 1390, 8788
Barnes, E. M. 9552
Barnes, J. D. 3197
Barnett, J. W. 5019
Barnett, V. 857
Barnett, W. 7338
Barnhisel, R. I. 8889
Barnsley, M. J. 7032, 9550
Baron, A. T. 5340
Barón, M. 1639
Baron, R. 3604
Baroni Fornasiero, R. 2823
Baroova, S. R. 262, 974, 976, 1381-1382, 6626
Barr, S. N. R. 568
Barraclough, P. B. 7109
Barran, L. R. 4150
Barratt, N. M. 7490
Barreiro, R. 4405
Barreto, H. J. 3756
Barrett, G. W. 5647, 6565
Barrett, M. 4869, 8918
Barringer, M. 2238-2239
Barrios C., C. 239
Barro, F. 1046
Barrón, J. M. 2431
Barros, E. G. de 6590
Barros, N. F. 6362
Barrow, E. M. 9560
Barrow, N. J. 818
Bârsan, M. 8717
Barsoum, M. S. 1618
Barta, V. 5277
Bartels, D. 4061
Barthakur, H. P. 2285
Barthakur, N. N. 6693
Barthe, P. 2615
Barthes, L. 2914
Barthlott, W. 6801, 7845
Barthou, H. 4295, 5953
Bartko, A. 8548
Bartkowiak, S. 212, 4136
Bártoli, C. 7130
Bartolome, B. 4127
Bartolomeo, N. G. di 3753
Bartolucci, G. 2491, 2493
Bartosz, G. 6109
Bartova, L. M. 8667
Barua, P. K. 5110
Baruah, A. M. 3011
Baruah, K. K. 289
Baruah, R. K. S. M. 251
Barukčić, J. 3952
Barz, W. 1172, 1174
Basabins, A. B. 6944
Basak, N. C. 367
Basak, R. K. 1159, 1506
Basal, S. A. 5730
Başar, H. 2894
Basavaraj, B. 4600
Basavaraja, G. T. 5679
Basavaraju, H. K. 7425
Basave Gowda 4735
Basden, T. 9491
Basedow, T. 3316
Baset, Q. A. 2825
Basford, K. E. 824-825
Basha, S. M. 8321
Bashan, Y. 6552
Bashford, L. L. 2955
Bashir Jama 7284
Basir, M. 2446
Basith, M. A. 8307
Baskaran, S. 315
Baskin, T. I. 1394
Başlar, S. 6918
Basnayake, J. 3040
Basra, A. S. 9238
Basra, R. K. 9238
Bassanesi, J. C. 4655
Basseim, M. M. 1981
Bassetti, P. 9372
Bassham, D. C. 689
Bassi, R. 6366, 9502
Bassiouny, A. H. 4488
Basso, B. 213, 1801, 3607
Basso, E. V. 6213
Basso, F. 1801, 3607
Bassoi, L. H. 2233
Basta, N. T. 5298, 8754
Bastia, D. K. 4666
Bastidas, G. 9030
Bastidas L., H. 280
Bastide, J. 8008
Bastos, C. R. 6450
Basu, A. 6238
Basu, N. 8168
Basu, S. 9042, 9461
Basu, U. 1508, 6238
Basudev Behera 7544
Basuki, N. 9338
Baszyński, T. 3229, 4105
Bataglia, O. C. 6815
Batchelor, S. E. 5916
Bateman, R. J. 9484
Bates, R. P. 112
Bates, T. E. 8352
Batič, F. 2030
Batini, P. 3442, 3710
Bationo, A. 1732, 9492
Batish, D. R. 475
Batista, D. P. O. 6587
Batista, T. F. C. 4351, 5170-5171
Batta, S. K. 9457
Battal, P. 4538
Batten, G. D. 6254
Batts, G. R. 7823
Battu, S. 4045
Bau, H. M. 4000
Bau HweiMing 4000
Bauer, A. 8716
Bauer, P. 5887
Bauer, P. J. 599, 1456, 6843-6844, 7665
Baulies, X. 8877
Bauly, J. M. 8065
Bauman, T. T. 7427, 8047
Baumann, P. A. 1768
Bäumlein, H. 7487
Bauske, E. M. 5073, 6787
Bautista-Tulin, A. T. 914
Bavita Asthir 9457
Baxter, R. 6118
Bay, A. P. M. 2435
Bayaa, B. 459
Baydar, H. 3161, 3385
Baydoun, E. A. H. 8335

Bayer, D. E. 6489, 8284
Bayliss, C. 415
Bayramova, S. 8086
Bayuelo Jiménez, J. S. 7512
Bazhanov, D. P. 150
Bazin, R. 4328
Baziramakenga, R. 8288
Bazykina, G. S. 7972
Beachy, R. N. 5849
Beale, M. H. 1111
Bean, K. M. R. 1888
Beator, J. 7193
Beattie, G. A. C. 6135
Beaty, J. D. 2985
Beauchamp, E. G. 7238, 8036
Beaudoin, F. 6322
Bebyakin, V. M. 27
Becana, M. 1104, 6701
Becerril, J. M. 7262
Becher, M. 4103
Běčius, V. 9184
Beck, D. P. 4848, 9234
Beck, E. 682, 3772
Becker, C. 1877
Becker, K. W. 3488
Becker, M. 4684, 6962, 8103
Becker, T. 8586
Beckie, H. J. 24
Beckwith, C. P. 4480
Bečvař, J. 1890
Bečvář, J. 9295
Bedi, A. S. 9422
Bedi, S. 7327, 8442
Bedmar, F. 7866
Bednara, J. 3229, 7494, 8701
Bednarek, P. 3262
Bednarek, W. 5405
Bednarz, C. W. 3357
Bedő, Z. 3929, 7201
Beebe, D. U. 6263
Beemster, G. T. S. 2163-2165
Beer, J. M. de 188
Beevers, L. 1117
Beg, M. U. 2009
Begna, S. H. 7221
Begnami, C. N. 431
Begonia, G. B. 2593
Begum, F. 2131, 2181, 2230
Begum, S. N. 2131, 2230
Begum, Z. N. T. 5250
Behari, K. 1832
Behera, B. 5126, 7544, 7906
Behera, B. D. 1496
Behera, B. K. 7768
Behera, U. K. 9337
Behl, R. K. 7136
Behrendt, A. 205
Behura, A. K. 4996
Behura, D. 505
Beisson, F. 1292
Bejarano, A. 2903
Bejiga, G. 5782
Bekele Kassa 2516
Beketov, K. M. 3362
Bel, A. J. E. van 731, 5737
Belan, F. 5214
Belanger, F. C. 7203
Belay, A. 9066
Bel'chenko, L. A. 221
Beldman, G. 1795, 7014
Belevich, N. P. 1773
Belgaumi, M. I. 3030
Belgium, Centre de Recherches Agronomiques - Gembloux 785
Belhassen, E. 4451
Belkhodja, M. 4070
Belkhodja, R. 896
Bell, C. J. 3568
Bell, J. N. B. 1531
Bell, L. C. 4212, 4220
Bell, M. A. 4612, 7319
Bell, P. F. 1059, 3404
Bell, R. W. 1300, 3401, 3405, 3628, 4120, 6891, 8544, 9132
Bellairs, S. M. 93
Bellinder, R. R. 528, 8327
Bello, N. J. 7372
Belloni, C. 6202, 6219
Belloni, P. 9430
Bellow, N. J. 7304
Belocchi, A. 6209
Belonogova, V. A. 2191
Belorkar, V. T. 1767
Belous, N. M. 2524
Belozersky, M. A. 7765
Beltrami, G. 2494, 4918, 8425
Beltrano, J. 7130
Beltrão, J. 7297
Belver, A. 5100
Bemmelenhoeve, J. M. van 4949
Ben, J. R. 3592
Ben-Hador, G. 3317
Ben-Haj-Salah, H. 2264
Benada, J. 3919
Benati, R. 3963
Benavídes, M. P. 2613, 8287
Benavides, V. 2434
Benbelkacem, A. 7171
Benbi, D. K. 5185, 7815
Bender, G. L. 7079
Bendre, N. J. 7571-7572
Benech-Arnold, R. L. 3903, 3905, 7009
Benedetti, G. 4286
Benedict, C. R. 5056
Benedycka, Z. 5394, 6306, 9209, 9275
Beneytout, J. L. 4045
Bengough, A. G. 5360, 6409, 7285, 7856
Benhamou, N. 3179
Benincasa, F. 2346
Benincasa, P. 660
Benintende, G. B. 5676
Benioff, R. 796
Benitez, E. 8782
Benitez, I. C. 3604
Benjavan Rerkasem 3627, 3651, 4390
Benker, C. 682
Bennett, B. K. 5046
Bennett, J. 5809, 9021
Bennett, J. H. 4386
Bennett, M. 2605, 4278
Bennett-Lartey, S. O. 2106
Bennie, A. T. P. 7784
Benoit, P. 1340
Bensaoud, A. 2627
Bensellam, E. H. 486
Benson, A. A. 1391
Bera, A. K. 2950, 4470, 4880
Berardo, N. 6880, 8529
Beratto M., E. 101, 118, 138
Berchez, M. 9287
Berea, G. 124, 193
Berea, N. 124, 193
Berecz, K. 3580, 7916
Bered, F. 6285
Berenguer, T. 4180
Berg, D. 1118
Berg, J. E. 6225
Berg, W. A. 5265
Berg, W. van den 167, 5182
Berga Lemaga 2516
Bergamaschi, M. C. M. 6176
Berge, H. F. M. ten 2993
Berger, M. 661, 9150
Berger, P. G. 8354-8355
Bergersen, F. J. 9280
Bergfeld, R. 5475
Berghäll, S. 3293
Bergkotte, M. 1817
Bergkvist, G. 4556
Berglund, K. 6973
Bergmann, F. 7385, 7795
Bergmann, H. 1532, 4572, 5410
Beri, V. 4814
Berjak, P. 7207, 7514
Berkel, Y. van 6118
Berkum, P. van 8323
Berlan, Z. 8841
Berlyn, G. P. 4904
Bermesky, P. 2068
Bernal, J. H. 4739
Bernal, M. A. 5811, 8427
Bernal-Lugo, I. 572
Bernasconi, P. 8057
Berner, A. 1473
Bernhardt, J. L. 4692
Bernheim, L. G. 5075
Bernier, G. 8569
Bernstein, N. 7011
Berríos, D. E. 2502
Berritto, L. 5138
Berry, A. W. 1113, 1135, 1442
Berry, C. D. 6824
Berry, J. A. 5653
Berry, J. O. 2031, 2649
Berswordt-Wallrabe, P. von 9234
Bertani, A. 996, 1020, 9055-9056
Berthe, T. 1963
Berti, A. 346, 3966, 7420
Berti, W. R. 3750
Bertić, B. 9117
Bertini, F. 9055
Bertoldi, M. de 8704
Bertolí, M. 4209, 4363
Bertolini, M. 3753
Bertoncini, O. 519, 3314
Bertrand, H. 2004
Bertsch, P. M. 5316
Berzy, T. 5437
Besford, R. T. 103
Bessieres, M. A. 5106
Besson, J. M. 4467
Best, E. K. 7080
Bestwick, C. S. 8153
Bethenod, O. 1635, 2952
Bethke, P. C. 9089
Bethlenfalvay, G. J. 3195, 6621, 6663, 7455, 9203
Betsche, T. 5334, 9436
Bett, K. 6462
Bettach, N. 2019
Bettarini, I. 3073
Bettini, G. 4918
Betz, J. M. 5720
Beus, M. D. de 5108, 7731
Beveridge, C. A. 4827
Beverland, I. J. 1518
Bevilaqua, G. A. P. 4653, 8225
Bewley, J. D. 2601, 4276
Beyene, S. 4636
Beyrouty, C. A. 1667, 1677, 1702, 1721
Beyschlag, W. 1294
Bezborodov, Yu. G. 600
Bezdenezhnykh, V. A. 2091
Bezdetnyĭ, V. V. 482
Bezerra Neto, F. 6967
Bežo, M. 3326
Bezooijen, J. van 2884
Bezrukova, M. V. 75
Bezvikonnyĭ, E. V. 8749
Bhadoria, H. S. 8415
Bhadoria, R. B. S. 8415
Bhadouria, S. S. 1145
Bhagat, R. K. 6414
Bhagat, R. M. 3485
Bhagwan Singh 4891, 5120
Bhajan Singh 2276
Bhakare, B. D. 445, 5777
Bhakher, J. R. 7182
Bhakthavatsalam Rajasekaran 1725
Bhale, U. M. 9317
Bhale, V. M. 6086
Bhalerao, P. D. 4030
Bhalla, C. S. 3105, 3112, 9119
Bhalla, J. S. 9185
Bhan, S. 2015, 2072, 5575, 5974
Bhan, V. M. 3973, 8374
Bhanavase, D. B. 1352, 2656, 6944
Bhandari, A. R. 2405
Bhandari, D. K. 8924
Bhanja, N. 5220
Bharad, G. M. 1253
Bharad, G. M 1342
Bharad, G. M. 4343, 4367, 8473, 9476
Bharali, B. 3868
Bharat Nath 289
Bharat Singh 8774
Bharati Ghosh 298, 2310, 8166
Bharati Mukhopadhyay 8377
Bhardwaj, A. K. 7311
Bhardwaj, S. K. 975, 4598
Bhargava, G. P. 6909
Bhargava, M. 2896
Bhargava, R. 5827
Bhargava, S. C. 2013, 2634, 7737
Bharti, S. 3249
Bharud, R. W. 5938
Bhashyam, M. K. 2936
Bhaskar, J. 1342, 4343
Bhaskar, S. 9385
Bhat, K. L. 6755
Bhat, S. S. 1041
Bhati, D. S. 3240
Bhatia, A. K. 7373
Bhatia, D. S. 5698
Bhatia, R. S. 9356
Bhatia, V. S. 4001, 7444
Bhatnagar, G. S. 7793
Bhatnagar, P. S. 7444
Bhatnagar, S. 9076
Bhatnagar, V. K. 30, 2511
Bhatnager, K. C. 1469
Bhatta, A. K. 261
Bhattacharjee, A. 3395
Bhattacharjee, I. 3232
Bhattacharjee, S. 3879-3880
Bhattacharya, B. 977, 8124, 8525
Bhattacharya, N. C. 1943
Bhattacharya, R. 8377
Bhattacharya, S. 2936
Bhattacharya, S. P. 1497, 7467
Bhatti, M. B. 97
Bhatti, M. H. 1248
Bhatti, N. 796
Bhave, S. G. 1755
Bhawan Singh 7878
Bheemaiah, G. 4360
Bhéring, M. C. 8350
Bhilegaonkar, M. W. 653
Bhingarde, M. T. 5597
Bhiwapurkar, R. M. 4282
Bhogal, A. 7917-7918
Bhogal, N. S. 6943
Bhoi, P. G. 8556, 8567
Bhoite, S. V. 655, 5606, 5687
Bhojvaid, P. P. 2740
Bhojwani, S. S. 8712
Bhol, B. B. 1271
Bhole, N. G. 447, 5226
Bhoo, S. H. 2696
Bhoo SeongHee 2696
Bhosale, A. M. 7907
Bhosale, A. S. 234, 310, 337
Bhosle, B. R. 5920
Bhuiyan, A. H. 5198
Bhuiyan, A. K. M. S. 2825
Bhuiyan, M. A. H. 3147
Bhuiyan, N. I. 4685-4686, 8984
Bhunia, S. R. 6866
Bhusan, J. 4805
Bhushan, L. 8829
Bhutia, D. T. 1061
Bhutta, A. R. 3986
Bhuvarahamurthy Narasimhan 6332
Bi, H. W. 5338
Bi, P. 8361
Bi HuanWu 5338
Bi Ping 8361
Bian, D. 6657
Bian, X. J. 7920
Bian, X. M. 4466, 6338
Bian XinMin 4466, 6338
Bian XiuJu 7920
Biancalani, R. 192
Biancardi, E. 1197, 2500
Bianchi, A. 6298
Bianchi, A. A. 2616, 8189
Bianchi, M. 2140
Bianchini, G. 5056
Bianchini, M. 6858
Bianco, J. 2615
Biancolatte, E. 2140, 6214
Bibi, W. 1218
Bibik, N. D. 4943
Bichele, I. 2433
Bichoo, S. L. 5937
Bick, J. A. 639
Bidari, V. B. 7569
Biederbeck, V. O. 1453

Bieganowski, F. 419
Biehler, K. 1511, 1521
Bielza, P. 7108
Bienfait, H. F. 1386
Biesaga-Kościelniak, J. 1516-1517
Biesantz, A. 7800, 8715
Bignami, C. 2822
Bijay-Singh 8128
Bikīn, A. B. 509
Biles, S. P. 3346
Bilge, H. 2830
Bilger, W. 2212
Biliaderis, C. G. 4198
Billa, E. 9070
Billingham, K. S. 913
Billore, M. 8624
Billore, S. D. 4124, 8231, 8624
Bilsborrow, P. E. 6893
Bimbatti, M. 2491
Bin, J. H. 383, 4036
Bin, L. 1329
Bin JinHua 383, 4036
Bin Li 1329
Bingham, I. J. 68, 7955
Binod Kumar 979
Binzel, M. L. 2029
Bipasha Chakravarty 5929
Biradarpatil, N. K. 5936
Birari, S. P. 1755
Birch, C. J. 1169-1170, 2333
Bird, G. W. 541, 3536
Birrell, S. J. 2100, 8688
Bisaccia, F. 1640
Bisaria, A. K. 7797
Bisaro, V. 4011
Bisbis, B. 5811, 6752, 8427
Bisen, R. K. 7933
Bishnoi, K. C. 9182
Bishnoi, N. R. 8416
Bishnoi, O. P. 8207, 9081, 9417, 9555
Bishnoi, S. 1167
Bishnoi, U. R. 434
Bishop, D. L. 2171
Bisht, J. K. 3081, 3086, 3146
Bisht, S. S. 7506
Bisikirska, B. 8338
Bisognin, D. A. 6761
Biston, R. 8703
Biswapati Mandal 8150
Biswas, A. K. 8377
Biswas, B. B. 4864
Biswas, C. R. 5185, 7815
Biswas, J. 2561
Biswas, J. K. 5507, 7358
Biswas, P. K. 1943, 7548, 7552, 7555
Biswas, S. 4864
Bitonti, M. B. 4895
Bittencourt, S. R. M. 5703
Bitu Roy 1694
Bitzer, M. J. 8889
Bizarri, M. 1929
Bízik, J. 3537, 3739
Björkman, O. 1573
Björn, L. O. 1191, 3525
Blachinsky, D. 3317
Black, A. L. 8716
Black, B. D. 6579
Black, C. C., Jr. 1698
Black, C. R. 3675, 7545, 8794
Black, I. D. 1487
Black, K. E. 4557
Black, K. G. 6055
Black, R. A. 7833
Black-Schaefer, C. 5878
Blackman, L. M. 1415
Blackmer, A. M. 8033
Blackmer, T. M. 1658, 1661, 8097
Blackmore, B. S. 6984
Blackwell, J. 6006
Blackwood, J. M. 7955
Blaga, G. 189
Blaga, H. 9537
Blaga, L. 189
Blahuš, A. 3326
Blair, G. 6360
Blaise 8522
Blaise, D. 4668
Blake, T. K. 133
Blake-Kalff, M. A. 5494
Blake-Kalff, M. M. A. 2859, 8646
Blakeney, A. B. 6254
Blakesley, D. 1248, 1941
Blamey, F. P. C. 4213, 4215-4218, 4230-4231
Blamowski, Z. K. 4310
Blancaflor, E. B. 6395
Blanchar, R. W. 3120, 6609
Blanco, A. 6213
Blanco, R. S. 3461
Blanco-Labra, A. 2439
Bland, D. E. 31-32
Bland, W. L. 623
Blandón, V. 5016
Blatt, C. R. 1476
Blatt, M. 5458
Blatt, M. R. 4067, 6997, 8640
Blaylock, A. D. 1196
Błaziak, J. 6189, 6543
Blažková, J. 5928
Blecharczyk, A. 1491, 2850
Blein, J. P. 2021
Bleizgys, R. 3397
Blennow, A. 3635
Blevins, D. G. 9125
Bligny, R. 392, 4187
Blinda, A. 8859
Błoch, Z. 8836
Block, M. A. 7004
Blocker, M. M. 4692
Bloemink, M. J. 3784
Blom, C. W. P. M. 7307
Bloomberg, J. R. 2109
Blos, I. 8011, 8863
Blum, A. 4419, 4516, 4723, 5347, 8197
Blum, W. E. H. 5337
Blume, H. P. 2291, 5528
Blume, Y. 6009
Blumenthal, C. 2187
Blumwald, E. 5100
Blunden, G. 8636
Bluzmanas, P. 6975
Blyth, J. B. 8555
Board, J. E. 6555, 9133
Boaro, C. S. F. 4847
Bobade, P. N. 6440
Bobde, G. N. 5627-5628
Bobková, L. 2145-2146
Bobrecka-Jamro, D. 2367, 2390
Bobrov, V. A. 2108
Bobrzecka, D. 3601, 5294
Bocca, S. N. 4966, 6382
Bocchi, S. 8018
Bocchini, P. 5476
Bocharova, M. A. 8349
Bochow, H. 1224
Bock, B. R. 8897
Bock, J. G. H. 4308
Bócsa, I. 3374
Boddey, R. M. 1141, 1143
Bode, H. 7114
Bode, K. 2920
Boduszek, B. 5228
Boehme, C. 1078
Boekema, E. J. 9508
Boer, A. H. de 860, 1538, 6315
Boer, M. de 1525
Boerma, H. R. 9140
Boese, S. R. 6696
Boesen, B. 6104
Boethel, D. J. 9133
Boeuf, V. 4632
Boeva, N. P. 2224
Bogdan, I. 9488
Bogdan, İ. K. 509
Bogdan, N. 489
Bogdan, T. Z. 53
Bogdanov, V. P. 8667
Bögershausen, O. 7481
Boget, N. 2947
Boggini, G. 2140, 6210
Bøgh, E. 3925
Bogomazov, N. P. 9290-9291
Bohland, C. 7951
Böhm, H. 6291
Bohorques, J. 2905
Bohorquez, C. 7782
Böhringer, A. 8622
Böhrnsen, A. 7714
Boiardi, J. L. 6703
Boichenko, V. A. 8328
Boil, P. G. M. du 6956
Boisgontier, D. 8631
Boissard, P. 844
Boivin, C. 4679
Boizard, H. 1206
Bojarska, U. 5807
Bojko, M. 4188
Bojňanská, T. 3514
Bokern, M. 1078
Bokhtiar, S. M. 6043
Bokovaya, M. M. 8876
Bolam, H. C. 7389
Bolanos, J. 408
Bolaños, L. 1105
Boligłowa, E. 3311, 6768
Bolinder, M. A. 9091
Bolland, M. D. A. 818, 1180, 9402
Bollen, L. 8703
Boller, T. 2387, 2425, 3138, 6326
Boller, W. 2885
Bollich, C. N. 6461
Bollich, P. K. 1678, 4647, 6462, 8982, 9000
Bollini, R. 1144, 8362
Bollons, H. M. 7109
Bol'shakova, L. S. 3624
Bol'sheva, T. N. 6637
Bolwell, G. P. 6688, 9225, 9228
Bolyard, M. G. 5829
Boman, K. 1734
Boman, R. 5887
Bommegowda, A. 1154
Bon, M. 8565
Bona, S. 1282, 8278
Bonachela, S. 866-867, 2840
Bonari, E. 9430
Bonato, E. R. 3984
Bonatti, P. M. 2823
Bonay, P. 3805
Bonciarelli, U. 9378
Bondada, B. R. 603
Bondar', P. S. 190
Bonde, R. D. 5921
Bondok, M. A. 5741
Bonfante, P. 958
Bonfil, D. J. 8781
Bonilla, I. 1105
Bonin, V. 8358
Bonnett, G. D. 1410, 6058
Bonora, P. 6750
Bonzon, M. 6003
Boogaard, R. van den 13, 1525, 2812, 3636, 3665
Boois, H. de 5247
Booltink, H. W. G. 575
Boone, M. L. 5059
Boone, M. Y. L. 9282
Boonjung, H. 2317-2318
Boote, K. J. 354, 2104, 3883, 5660, 8174-8175, 8364
Booth, E. J. 5916
Boothe, J. G. 5108, 7731
Boquet, D. J. 3741, 5873
Bora, K. K. 4877
Bora, K. N. 7501
Bora, P. 6971
Borah, N. 3413
Borah, R. C. 3011
Borah, R. K. 1830
Borba, C. S. 8096
Borcean, A. 8854
Borcean, E. 8839
Borcean, I. 8854
Borch-Jensen, C. 1324, 7691
Bordaloi, P. K. 3413
Borejsza-Wysocka, E. 6655
Borejsza-Wysocki, W. 6655
Borgelt, S. C. 2100
Borgen, M. 6155
Börger, H. 3476
Borges, E. N. 6567
Borghi, B. 78, 2140, 6014, 6197, 6265, 7074
Borghi, L. 1929
Borie B., F. 118
Borin, C. 4295, 5953
Borin, M. 3480, 3798
Borisjuk, L. 3201, 8421
Borisova, N. N. 6665
Borisova, T. S. 7633
Borkakati, K. 2672
Borkar, S. L. 6448
Borkert, C. M. 8228
Borkhardt, B. 9408
Borkovec, V. 5928
Borlan, Z. 4375, 8633
Born, W. H. vanden 9405
Bornman, J. F. 222
Borona, V. P. 3971
Boros, L. 3954, 3960, 9220
Borovikova, G. S. 4912
Borovskii, G. B. 1541
Borowski, E. 4310
Borrell, A. 103, 4547, 8974
Borrell, A. K. 2342, 3041, 3045
Borroto, C. 708
Borselli, L. 192
Borshkovskiĭ, N. G. 3294
Borstlap, A. C. 393, 8329
Bort, J. 872, 7188
Borthakur, M. P. 1357
Bortmikova, L. A. 8635
Bortoletto, N. 5631, 7666
Bortolotti, D. R. 2885
Bosc, M. 3491
Bosc, N. 8030, 8893
Bosch, H. 4074
Boschi, E. 4754
Bosco, G. 2155
Bose, B. 6913
Bose, M. 9047
Bosio, D. 4611, 7267, 7272
Bosnic, A. C. 8049
Bostan, S. 8846
Bote, N. L. 311, 5576, 5934-5935, 7907
Botella, M. A. 2382, 3800, 7141
Botha, A. D. P. 3946
Botha, C. E. J. 4566
Botha, F. C. 6055
Botha-Greeff, M. S. 9369
Botrel, A. 897, 5407
Botrel, T. A. 1674
Botta, G. 6456
Bottari, A. 61
Bottazzi, P. 6203, 6217
Böttger, M. 2931, 4510, 5458
Bottin, A. 7761
Boubriak, I. 7164
Boucher, N. 8872
Bouchereau, A. 2627
Bouhache, M. 486
Boujenna, A. 7175
Boulama, T. 2960
Boulanger, F. 4571
Bouma, J. 575, 1724, 6327, 6784, 7398
Bouma, T. J. 2529
Bouman, B. A. M. 2107
Bouniols, A. 2618
Bouny, J. M. 954
Bouranis, D. L. 7749
Bourbouloux, A. 411
Bourdouxhe, L. J. 1623
Bourgeois, L. 1454
Bourgis, F. 7019
Bourguignon, J. 4822
Bourland, F. M. 610, 5909, 8480, 8490, 8497
Bourlard, T. 5910, 9367
Bourne, M. C. 2435
Boussama, N. 8052
Bousser, A. 2914
Boutin, J. P. 5714
Bouwmeester, H. J. 560
Bouzinac, S. 1748, 2067
Bovo, O. A. 5551
Bovykin, B. A. 6355
Bowater, M. D. V. 5964
Bowatte, S. 4683
Bowen, S. A. 4197
Bowen, W. T. 2352
Bowes, G. 3883, 4728
Bowles, D. J. 4460
Bowling, D. R. 1286
Bowman, D. T. 6823

Bowman, H. F. 133, 6225
Bown, A. W. 2380
Bowsher, C. G. 398, 5217
Bowszys, T. 5960
Box, J. E. 8828
Boxel, J. H. van 230
Boyce, K. G. 1440
Boyd, P. A. 1016
Boydston, R. A. 523
Boyer, J. S. 3774, 7436
Bozhkov, A. I. 1519
Boziev, K. M. 3780
Braam, F. 1910
Bracale, M. 7498
Braccini, A. de L. e 8260, 8280-8281
Braccini, M. do C. L. 3218, 8280-8281
Bracho, J. 7534
Bracht, A. 2240
Bradbury, N. J. 6180
Braddock, R. D. 4116
Bradford, J. M. 3352, 5869
Bradley, J. F. 6804
Bradley, J. S. 4120
Bradow, J. M. 6841, 6843, 7665
Bradshaw, N. J. 546
Bragg, C. K. 6852
Bragg, K. 5045
Brahma, B. C. 7068
Braidot, E. 4291
Brailsford, R. W. 7307
Brallier, S. 729
Brambilla, G. 2873
Brambilla, I. 996, 9056
Bramley, R. G. V. 6065, 9447
Bramm, A. 2116, 4936
Branch, W. D. 375
Brand, T. S. 865
Brander, K. 4630
Brandini, R. 7927
Brandle, J. R. 7302
Brandstetter, A. 5337
Brandt, T. L. 5838
Brandt, W. 7495
Brann, D. E. 37, 135-137
Branzell, C. 1895
Brar, J. S. 1828, 2211
Brar, K. S. 8316, 9185
Brar, L. S. 1362
Brar, S. S. 3617, 8718
Brasil Sobrinho, M. O. C. 1258-1260
Braslavsky, S. E. 7158
Brauer, D. 3801, 5467, 5478
Brault, M. 8657
Braun, H. J. 2786
Braun, J. P. 654, 1979
Braunack, M. V. 6064, 6957
Brauner, J. L. 2216
Braverman, M. P. 2039, 7337
Bravi, R. 1052
Bravo, A. D. 3368
Bravo, L. A. 6313
Brazil, Assesoria e Serviços a Projetos em Agricultura Alternativa 3561
Brazil, Centro de Pesquisa Agropecuária dos Cerrados 3553
Brazil, Centro Nacional de Pesquisa de Soja, Empresa Brasileira de Pesquisa Agropecuária 4757-4758
Brazil, Commissão Centro Brasileira de Pesquisa de Trigo 1447
Brearley, C. A. 2222
Brechany, E. Y. 651
Břečka , J. 4940
Brecke, B. J. 7468, 8315
Bregoli, A. M. 3440
Breland, T. A. 7399
Brelles-Mariño, G. 6703
Bremner, J. M. 1054
Brenac, P. 2467, 7277
Brennan, C. 5413
Brennan, J. S. 667
Brennan, P. S. 826
Brenner, M. L. 404
Bréon, F. M. 770
Bressan, M. 2610, 2616
Bressan, R. A. 2029, 2382, 2640, 7754
Bressani, R. 2434
Brestič, M. 2176, 2860, 5661
Brett, C. T. 8335
Breus, I. P. 694
Brewer, S. R. 6565
Brewin, N. J. 399, 408, 1105, 7864
Březinová, A. 5146
Briançon, C. 7440
Briantais, J. M. 874, 2260
Briat, J. F. 1388, 7266, 8925
Bridgemohan, P. 2114
Brière, C. 4295, 5953
Briggs, K. G. 5322
Briggs, W. R. 946, 7497
Brightman, A. O. 5657
Brignall, P. 3806
Brigotti, M. 8869
Brindza, J. 3313
Brinegar, C. 1152
Brink, J. E. 2352
Briones, A. M. 914
Brisibe, E. A. 5343
Briški, L. 1463
Brisson, N. 7133
Bristow, K. L. 5490, 6036, 8940
Brito, C. H. de 8260
Brito, S. de F. M. de 9175
Britos, C. H. de 8596
Britt, C. P. 6162
Britt, D. W. 5062
Britto, A. J. de 2452
Britton, G. 1569
Brklacich, M. 5236
Broadhead, J. 5413
Broch, D. L. 8225
Brock, J. 2352
Brodl, M. R. 7203
Brodschelm, W. 7761
Broek, B. J. van den 4976, 4984, 4990, 5252
Broekhuysen, A. G. M. 2529
Brogna, G. 8189-8190
Brogowski, Z. 3785, 4316, 8230
Bromfield, E. S. P. 4150
Broner, I. 4579, 8001
Bronner, R. 5954
Bronsema, F. B. F. 936
Bronsveld, M. C. 3533
Brooke, P. 4135
Brooking, I. R. 79, 2177
Brototi Banerjee 3395
Brouquisse, R. 2249
Brouwer, J. 575, 7398
Brouwer, J. B. 6723
Brovkin, V. I. 9087
Brovko, F. A. 888, 3780
Browers, M. 8866
Brown, A. H. 105, 861
Brown, C. A. 1662
Brown, C. S. 3143, 8814
Brown, D. M. 7305
Brown, E. A. 3134
Brown, H. M. 7868
Brown, J. 667, 2587
Brown, K. F. 1202
Brown, K. M. 8660, 8662
Brown, M. J. 4817
Brown, P. D. 670
Brown, R. A. 5240
Brown, R. C. 9037
Brown, R. H. 872, 7470, 7472
Brown, S. M. 6054, 9158
Brown, T. K. 7148
Browne, K. P. 1291
Brownleader, M. D. 7642
Brownlee, C. 1126, 6998
Bruce, D. M. 2619
Bruckner, P. L. 6225
Bruff, S. A. 702, 2039
Brüggemann, J. 5334
Bruijn, S. M. de 7638
Brulfert, J. 224, 950
Brummel, M. 5136
Brundrett, M. C. 3050
Brunet, Y. 3680
Brunini, O. 4095, 6388
Brunold, C. 4630
Brunotte, J. 7857
Brunt, D. 5236
Bruss, A. 3488
Brutti, L. 9163
Bruulsema, T. W. 8034-8035
Bruyant, P. 1963
Bruyant-Vannier, M. P. 5910
Bruyn, A. de 6001
Bruzzi, I. 4736
Bruzzone, L. 7874
Bryan, J. A. 4904
Bryant, C. R. 7878
Bryce, B. H. 6816
Brynsztein, S. 4012
Brzin, J. 740
Buan, R. D. 306
Bubicz, M. 3688, 3693, 6780
Bubniewicz, P. 1859
Bubolo, L. S. 3667
Bucchi, R. 9288
Buchala, A. 6490
Buchanan, B. B. 66
Buchen, B. 9536, 9574
Buchleiter, G. W. 2893
Buckeridge, M. S. 8670
Buckley, W. T. 751
Budak, N. 1213
Budde, M. A. W. 2532
Budhar, M. N. 971
Budhathoki, C. B. 3597, 3649, 7062, 7948
Budiu, V. 9306, 9576
Budoi, G. 7214, 8885
Budyko, M. I. 796
Budzianowski, G. 5387
Buehring, N. W. 5614
Bueno, A. C. 4656
Bueno, M. S. 3256-3257
Bueno, P. 1106, 7755
Buerkert, A. 1732
Büermann, M. 7153
Bufogle, A., Jr. 8982, 9000
Bughio, N. 3704, 6374, 6527
Buhiniček, I. 2902
Buhler, D. D. 6365, 9115
Buhse, J. 1205
Bui, V. L. 6526
Bui Van Le 1035
Buitink, J. 931, 7017
Bujak, K. 9397
Bujtás, K. 8050
Bukachuk, O. M. 1221
Bukhov, N. G. 4166, 6314, 8872
Bukvić, G. 7091
Bulbule, A. V. 8528
Bulcha Woyessa 3160
Bulcke, M. van den 7755
Bulcke, R. 7617
Bulgakova, N. N. 3624, 5314
Bull, J. K. 6027
Bull, L. 2069
Bull, T. A. 6027
Bullard, M. J. 1299, 9085, 9469, 9471
Buller, O. H. 7804
Bullimore, J. F. 3679
Bulson, H. A. J. 3563, 6081
Bulychev, A. A. 1787
Bunce, J. A. 3997, 4017, 6610, 7986
Bunderson, W. T. 1584-1585
Buneder B., M. 326
Bunescu, H. 189
Bunescu, V. 9537
Bunkelmann, J. 5149
Bunkelmann, J. R. 6829
Buntin, G. D. 31-32
Buraczewska, L. 9214
Buraczyńska, D. 3281, 3312
Buragohain, S. K. 1357, 9451
Burbano, C. 476
Burcea, M. 7700
Burd, J. D. 2148
Burdett, L. 6825
Burdman, S. 7523
Burdon, R. H. 297, 1016, 3877
Burel, C. 1963
Buresh, R. J. 7284
Burfoot, D. 2555
Burford, J. R. 6517
Burg, W. J. van der 1440
Burgess, M. S. 1592
Burgos, N. R. 2274
Burgt, M. H. J. H. van der 6541
Burhan, H. 274
Burhan, H. O. 4837
Burity, H. A. 3237, 5792
Burke, J. I. 8809, 8831
Burke, J. J. 620
Burketová, L. 3438
Burkey, K. O. 2377, 4780
Burlacu, G. 7923
Burlakova, E. B. 401
Burle, M. L. 8878
Burló-Carbonell, F. 4086
Burló-Carbonell, F. M. 1824, 4098
Burman, P. 7295
Burmester, C. H. 5026, 5870, 5889, 6816, 7670, 7672
Burnett, E. 6651
Burnett, V. F. 5291, 8761-8762
Burns, A. 7338
Burnside, O. C. 7423
Burrell, M. M. 6772
Burris, J. S. 7607
Burritt, D. J. 5789
Burrows, P. 1790
Burt, E. C. 5870
Burton, J. W. 3093, 9124
Burton, R. G. O. 8764
Bury, M. 3402
Buryachkovskiĭ, V. G. 7084, 7392
Burzo, I. 7291
Bus, C. B. 1210, 4938
Busch, M. A. 4510
Busch, R. H. 5310
Businelli, D. 919
Businelli, M. 1619
Busk, P. K. 4399
Bussan, A. J. 7423
Busscher, W. J. 3482
Büssis, D. 692
Bustos, V. N. 7414
Butegwa, C. N. 187, 912
Buteler, M. I. 4987
Butnaru, G. 5389
Butorac, A. 854
Butorac, J. 854
Butt, A. D. 8153
Butt, M. 5823
Butterfield, R. E. 2130
Butterfield, R. O. 9529
Buttlar, H. B. von 7687
Butzenlechner, M. 1319
Buyser, J. de 5342
Buysse, J. 56-57
Buzetti, S. 5749
Byard, R. 918
Bye, R. 5160
Byeon, H. S. 344, 2397
Byeon HakSoo 344, 2397
Bykhovets, A. I. 9301
Bykhovets, S. L. 9301
Bykov, O. D. 6230
Byrd, G. T. 7470, 7472
Byrd, J. D., Jr. 3349
Bystritskiĭ, V. S. 22
Bystrova, E. I. 3784
Caasi-Lit, M. 8177
Caballero, J. L. 8647
Caballero, R. 1803, 6673
Cabañas, M. E. 8930
Cabanne, F. 2855
Cabelguenne, M. 7069, 8030, 8893
Cabello, F. 1288
Cabeza, C. E. 2161
Cabin-Flaman, A. 5077
Cable, W. J. 4235
Caboche, M. 2686
Cabral, F. 8757
Cabrera, F. 1255, 2943, 5444, 9294
Cabrera, M. L. 7377
Cabrera, R. 2661
Caccetta, P. 4444
Cadena, J. 6830
Cadena, M. 6557
Cadena Zapata, M. 4587

Cadet, P. 592
Caer, J. P. le 8582
Caeseele, L. van 3408
Caetano-Anollés, G. 9156
Caffaro, S. V. 350
Çağirgan, M. I. 2220
Cahill, M. J. 810, 2343
Cai, A. P. 9110
Cai, C. A. 4272
Cai, G. H. 5529
Cai, G. X. 7920
Cai, J. Z. 5520
Cai, K. Z. 4731
Cai AiPing 9110
Cai ChangAn 4272
Cai GuiXin 7920
Cai GuoHai 5529
Cai JianZhong 5520
Cai KunZheng 4731
Caires, E. F. 6695
Čajánek, M. 1574
Çakmak, İ. 2782, 2786, 6186, 6548, 8773
Cakmak, I. 735
Calabrese, G. 4895
Caldas, R. C. 6796
Caldeira, M. T. 2919
Calderini, D. F. 5302, 8766
Calderón, E. 2434
Calderwood, M. S. 3029
Caldiz, D. O. 3302, 4203, 5319
Caldwell, C. R. 3125
Caldwell, M. 3525
Caldwell, M. M. 5222
Calestani, C. 5474
Calheiros, C. B. M. 5747
Calhoun, D. S. 2576, 5048
Caliandro, A. 4154
Caligari, P. D. S. 7688
Căliman, D. 7873
Callaghan, P. T. 4277
Callaway, J. C. 6856, 9370
Calle, F. 5848
Calleberg, E. 570
Callens, D. 7617
Callewaert, D. 3173, 4815
Calus, A. 4815
Calzoni, G. L. 8071
Camacho, R. 1731
Camacho, R. G. 5583
Camacho, Y. 6380
Camacho-Martínez, M. 4149
Câmara, M. P. S. 8243
Camara, T. 5488
Câmara, T. R. 2947
Camargo, C. E. de O. 2757, 5303, 5305, 5307-5308, 5321
Camargo, F. A. O. 2981
Camargo, M. B. P. de 6388
Cambraia, J. 6528
Cambridge, A. P. 402
Cameira, M. R. 4640
Camenen, L. 2260, 2701
Camilo Espinosa, N. 3977
Camp, C. R. 599, 3482
Campagnolli, D. M. F. 5308
Campbell, A. B. 1477
Campbell, A. K. 2808
Campbell, C. A. 1453, 6164-6165
Campbell, G. S. 7833
Campbell, J. A. 3459, 6030, 6058, 6061, 6068, 6144
Campbell, K. W. 134
Campbell, L. D. 8868
Campbell, M. A. 3324
Campbell, W. H. 211, 8075
Campbell, W. J. 6835
Campiglia, E. 4286, 5190
Campos, L. S. 4144
Campos, M. 796
Campos, M. de A. 3333
Campos, P. S. 5700
Campos, S. 6557
Campos, T. G. da S. 8481
Campos, V. C. 8684
Canada, Alberta Agriculture, Food and Rural Development 1430
Canada, Atlantic Corn Hybrid Evaluation Committee 3754
Canada, New Brunswick, Department of Agriculture and Rural Development 7048
Canada, Nova Scotia Agricultural College 2724
Canadell, J. 7884
Canale, V. 5833
Canci, P. C. 6761
Candaten, A. 2885
Candilo, M. di 1967, 8326
Canevar, M. G. 6265
Canevari, M. 7107
Cannan, R. 4449
Canniatti-Brazaca, S. G. 5778
Cannon, M. E. 1535
Canny, M. J. 415, 2937, 5469, 8612
Cantarella, H. 1616
Cantone, F. 2140
Cantone, M. T. 2141
Cantrel, C. 2939
Cantrell, I. 5413
Cao, H. M. 5276, 6235
Cao, H. Y. 8488
Cao, J. S. 3297
Cao, L. K. 3267
Cao, M. L. 3609
Cao, S. C. 3297
Cao, W. 8795
Cao, W. X. 556, 8793, 9330
Cao, X. Z. 3860, 4713, 8157
Cao, Z. X. 3658, 4338, 8072
Cao HengYun 8488
Cao HongMing 5276, 6235
Cao JiaShu 3297
Cao LinKui 3267
Cao MeiLin 3609
Cao ShouChun 3297
Cao WeiXing 556, 8793, 9330
Cao XianZu 3860, 4713, 8157
Cao ZongXun 3658, 4338, 8072
Capitani, F. 2028
Capitanio, R. 2610, 2616, 6880, 8529
Čapková, J. 7967
Caplan, A. 6479
Capocchi, A. 61
Caporali, F. 4286, 5190
Carballas, T. 391
Carberry, P. 2331
Carbone, A. 7130
Carbonell, J. 1111
Carbonell, L. 4547
Carbonell-Barrachina, A. 4086
Carbonell-Barrachina, A. A. 1824, 4098
Carbonero, P. 6325
Cárcamo, R. 5849
Cárdenas, J. 8647
Cardina, J. 2887
Cardon, Z. G. 7826
Cardone, A. M. 2610, 2616, 6203, 6217
Cardoso, A. A. 8217, 8298-8300, 8596
Care, D. 8811
Carelli, M. L. C. 3390, 5434
Carfagna, S. 879
Carg, F. C. 1153
Carillo, P. 879
Carlesso, R. 417
Carlgren, K. 868
Carlson, B. M. 552
Carlson, G. A. 133
Carlson, G. R. 6225, 7078, 8748, 8750
Carlson, L. C. 9360
Carlson, R. E. 956
Carlson, S. J. 214
Carlsson, A. S. 1119
Carman, J. G. 2171, 7120
Çarman, K. 7060
Carmello, Q. A. C. 5680
Carmen Gomez-Jimenez, M. del 1173
Carmignac, D. F. 8332
Carner, R. 7107
Carnevali, G. 4918
Carnicelli, D. 8869
Carnicelli, S. 192
Carolino, S. M. B. 6587
Carone, F. 6213
Carpena-Ruiz, E. 3192
Carpena-Ruiz, R. 7483
Carpena-Ruiz, R. O. 3805
Carpenter, D. J. 7502
Carpentier, R. 8872
Carpita, N. C. 8502, 8669
Carputo, D. 495, 2508
Carr, M. K. V. 8424
Carrão-Pinizzi, M. C. 5665
Carrasco, J. E. 9067
Carrayol, E. 8586
Carreck, N. L. 7196
Carreres, R. 972
Carrillo, M. L. 3571
Carrillo, N. 5203
Carrillo A., R. 2892
Carroll, J. 2552
Carrubba, A. 4463, 5134
Carsky, R. J. 6093, 6735
Carstensen, S. 6332
Carter, P. C. 612, 3354
Carter, T. E., Jr. 2377, 3093
Carter, T. R. 2365, 5239, 6152
Cartini, S. 9307
Cartwright, R. D. 6416
Caruso, G. 3809
Carvalho, F. I. F. de 6285
Carvalho, J. M. F. C. 8494
Carvalho, L. H. 1257-1260, 6815, 7666
Carvalho, L. J. C. B. 5301
Carvalho, L. P. de 8481
Carver, B. F. 6196
Carver, M. F. F. 8517
Cary, T. R. 5642-5645
Carzaniga, R. 3261
Casa, A. C. de la 6136
Casa, R. 9377
Casacchia, R. 7027
Casadoro, G. 882
Casal, J. J. 334
Casali, V. W. D. 6802, 9346
Casals, M. L. 7069, 7133-7134
Casano, L. M. 5667, 7116
Casanova, M. 7414
Casati, P. 6385
Casayuran, P. R. 2281
Caselles, V. 7028
Caserta, P. 1991
Casey, J. S. 1623
Cashikar, A. G. 8363
Cashman, M. M. 4514
Casian, H. 7178
Casimero, M. C. 2281
Casini, P. 4750, 4930
Casolo, V. 4048
Casoria, P. 2873
Cass, A. 5490
Cass, D. D. 6371, 8056
Cassel, D. K. 2886
Cassman, K. G. 240, 252, 254, 973, 980, 2993, 3084, 4674
Castañeda, G. C. 5756
Castaneda, V. E. 2443
Castaño, F. 1980
Castejón-Muñoz, M. 1285
Castellan, L. 4270
Castellane, P. D. 513
Castellano, D. 4294, 7705
Castelli, F. 2682
Casterad, M. A. 2707
Castillo, J. E. 1450
Castillo, R. 708
Castillo Morales, A. 7154
Castoldi, F. L. 8031
Castrignanò, A. 3909, 7371
Castrillo, M. 6017
Castro, E. M. de 3022
Castro, J. 280
Castro, J. L. 2757
Castro, J. L. de 5305
Castro, J. S. 8467
Castro, L. H. S. M. de 6450
Castro, P. R. C. 2345
Castroviejo, S. 3259
Caswell, J. J. 6812
Caswell, K. 2175
Catalano, M. 4154
Catargiu, D. 7896
Catchpoole, V. R. 6036
Catesson, A. M. 4863
Cathala, N. 4309
Catroux, G. 9162
Čatský, J. 2486, 4156, 4909-4911
Cattan, P. 7471
Cattanach, A. 9293
Cattel, L. 210
Caubergs, R. J. 1138, 3217
Caumont, C. 4295, 5953
Causier, B. E. 753
Causin, H. F. 1390
Caussanel, J. P. 3614
Causton, D. R. 8336
Cavada, B. S. 3270
Cavalié, G. 8534
Cavallini, A. 8532
Cayuela, J. A. 1255, 2943
Cazalé, A. C. 6002
Cazzola, V. 1283, 4916
Cearley, J. A. 5829
Ceauşu, A. 7852
Ceballos, H. 2908
Ceccarelli, E. A. 5203
Ceccarelli, N. 1232
Ceccarelli, S. 7188
Cecchi, V. 6209
Cecchini, C. 2156
Cecchini, M. 8425
Cecchini. M. 2494
Ceccon, P. 4585
Ceglarek, F. 3281, 3312
Ceglarek, S. 4155
Cejudo, F. J. 839, 2791
Çelik, S. 2830
Cellai, L. 2245
Cenci, G. 1552
CENICAÑA 3546
Cenoz, P. J. 4999
Centurión Maciel, A. C. 8997
Ceotto, E. 6078
Čepl, J. 2504, 4940, 4946
Cerdá, A. 3800, 7141
Ceriotti, A. 8362
Cerjan-Stefanović, Š. 854
Cernea, S. 8717
Černohorská, J. 2679
Černý, I. 3487
Cerovic, Z. G. 2260, 2701
Cerritos, G. 5571
Ceruti, M. 210
Cervancia, C. R. 4700
Cesar, M. A. A. 2345
Cesare, F. de 2245, 5190
Cescas, M. P. 2953, 8900
Cesco, S. 8842
Çetinkaya, M. 3347
Chabbert, B. 3788
Chabot, R. 2953
Chae, J. C. 5535, 5542, 5563
Chae JeCheon 5535, 5542, 5563
Chagas, J. M. 8359
Chagas, S. J. de R. 6793
Chahal, D. S. 1472
Chai, X. Q. 1507
Chai XiaoQing 1507
Chailloux, M. 6673
Chaîneau, C. H. 6123
Chakor, I. S. 2667
Chakrabarti, S. K. 8813
Chakrabarti, S. N. 2298
Chakraborty, A. 1426, 2059, 6968, 8124, 8525, 9482
Chakraborty, M. 6512
Chakraborty, T. 3255
Chakravarty, B. 5929
Chalermglin, P. 3737
Chalk, P. M. 6734, 7502
Chamaneh, G. 511
Chamber-Perez, M. 5792
Chamber-Pérez, M. A. 4149
Chambers, B. J. 6551
Champigny, M. L. 6241
Champolivier, L. 1989, 2626, 5967
Champroux, G. 1633
Chan, K. Y. 4468
Chan, L. F. 4232
Chan, P. V. 890
Chan, S. 8866
Chan LitFu 4232

Chand, L. 5174, 8559-8560
Chand, M. 2010, 3424
Chand, N. 2936
Chanda, M. C. 4151
Chanda, S. V. 2017, 3418, 4513
Chandel, A. S. 3081, 3086, 3146, 7212
Chandel, K. P. S. 5855
Chandel, Y. S. 3937
Chander, S. 4697, 7581, 7932
Chandla, V. K. 539
Chandler, J. M. 4607-4608
Chandler, K. 1625
Chandler, P. M. 886, 3715-3716
Chandra, A. K. 856
Chandra, D. 6420
Chandra, G. 7299
Chandra, K. 3144-3145, 3868, 5802
Chandra, N. 7299
Chandra, R. 453, 1171, 1175, 1932, 8407
Chandra, S. 2511, 8002
Chandra, T. 2268
Chandrakala, N. 2017
Chandranath, H. T. 3412
Chandrasekaran, D. 7322
Chandrasekhar, Y. 6991
Chandrashekar, A. 9071
Chandravanshi, B. R. 8224
Chandrika De 7531
Chanekar, M. A. 338, 4010, 6715
Chaney, R. L. 1108, 7016
Chaney, W. R. 5099
Chang, C. C. 6939
Chang, C. H. 7867
Chang, C. Y. 8262
Chang, E. C. 1699
Chang, J. N. 4242
Chang, K. C. 6684
Chang, P. F. L. 2029, 7446, 7754
Chang, R. Z. 6607
Chang, S. C. 6266
Chang, S. Q. 8821
Chang, W. 7534
Chang, X. P. 4530, 7975
Chang, Y. S. 8604, 8851
Chang CongYun 8262
Chang EChing 1699
Chang JiNong 4242
Chang PiFang 7446
Chang RuZhen 6607
Chang ShouQian 8821
Chang SuChih 6266
Chang XiaoPing 4530, 7975
Chang YihShiow 8604
Chang YoungSun 8851
Channabasappa, K. S. 5167
Channakeshava, B. C. 908
Channal, H. T. 5689, 8127
Chanu, D. 2549
Chao, C. C. 3129
Chao, W. S. 9135
Chao ChihChang 3129
Chaplot, P. C. 7793, 8372
Chaplowe, S. G. 9582
Chapman, A. L. 9484, 9489
Chapman, D. K. 105, 861
Chapman, K. D. 1264, 7679
Chapman, L. S. 6034-6035, 6946, 9442
Chapman, P. L. 3593
Chapman, S. C. 2330, 3052
Chappell, J. 5141
Chappelle, E. W. 8296
Char, B. R. 7287
Chardas, G. 8751
Chardón, U. 5004
Chardon, W. J. 6106
Chareyre, S. 9296
Chari, M. S. 5995
Charjan, S. K. U. 6724
Charles, R. 2407, 5734
Charlet, T. 9518
Charrier, X. 6346
Charron, G. 2200
Charu Chaturvedi 6245
Charyulu, N. R. 8484
Chasalow, S. D. 4537
Chastain, T. G. 1480
Chatenet, F. 5133
Chatrath, A. 453
Chatterjee, A. 4864
Chatterjee, A. K. 8150
Chatterjee, D. 1280
Chatterjee, S. 7456
Chatterton, N. J. 4386
Chattopadhyay, B. K. 1826, 9239
Chattopadhyay, S. 1793, 9239
Chaturvedi, C. 6245
Chaudhari, V. 371
Chaudhary, A. 678
Chaudhary, B. D. 7908, 9426, 9429
Chaudhary, B. T. 1767
Chaudhary, D. C. 1345, 7311
Chaudhary, H. K. 4119
Chaudhary, H. P. 7299
Chaudhary, J. L. 4422
Chaudhary, J. P. 2660, 3456
Chaudhary, M. F. 4200
Chaudhary, M. I. 3247
Chaudhary, M. R. 7216
Chaudhary, N. K. 2139, 3567
Chaudhary, P. P. 983
Chaudhary, R. R. P. 1849
Chaudhry, Ehesen-ul-Haq 8037
Chaudhry, I. A. 8037
Chaudhuri, P. 3717
Chauhan, D. R. 8568
Chauhan, D. V. S. 8415
Chauhan, G. 8668
Chauhan, J. S. 9050
Chauhan, N. S. 1659
Chauhan, R. P. S. 6908
Chauhan, S. 8245
Chauhan, Y. S. 1165, 3251-3252, 5125, 7562, 8392
Chaurasia, R. 6344
Chaurasia, S. C. 2632, 7010
Chauvaux, N. 9408
Chauveau, M. 3320
Chauvin, L. P. 7167
Chavan, A. A. 5920
Chavan, A. P. 5605
Chavan, A. S. 268, 370, 6427, 7325, 8123
Chavan, S. A. 5605
Chavan, S. B. 8694
Chavanne, E. R. 6945, 7780
Chavarría, A. 3117
Chavda, J. R. 1355
Chave, J. W. 6048-6049
Chavez, A. Q. 5565, 9021
Chawla, K. L. 8731, 9384
Cheah, K. T. 7754
Cheeseman, J. M. 4405, 8331
Chellaiah, N. 3384
Chelle, M. 8428
Cheltsov, P. A. 3784
Chemikosova, S. B. 8502
Chen, B. 3629
Chen, B. Q. 2964
Chen, B. Y. 2999
Chen, C. C. 6430
Chen, C. L. 7350
Chen, C. Q. 1722
Chen, C. T. 9460
Chen, D. 3443
Chen, D. F. 635, 4273
Chen, D. H. 1088, 8821
Chen, D. M. 2872, 4425, 8575
Chen, D. T. 8971
Chen, E. C. F. 8576
Chen, F. 2987
Chen, F. Z. 6274
Chen, G. 8012
Chen, G. F. 2745
Chen, G. L. 8434
Chen, G. P. 165, 6854
Chen, H. M. 8172
Chen, H. W. 308
Chen, H. Y. 162, 9058
Chen, I. Z. 4430
Chen, J. 541, 1649, 2928, 3794, 5626, 6384, 7030
Chen, J. C. F. 3859
Chen, J. G. 5061, 6539
Chen, J. J. 1338, 4509
Chen, J. L. 4406, 8675
Chen, J. M. 3076, 8242
Chen, J. S. 7334
Chen, L. 8669
Chen, L. F. 6243
Chen, L. H. 5047
Chen, M. C. 7039
Chen, M. D. 162
Chen, M. H. 3702
Chen, N. 6504
Chen, P. 3658
Chen, P. Y. 634, 4509, 4531
Chen, Q. F. 7360
Chen, Q. S. 2772
Chen, R. K. 4353, 5169, 5173
Chen, R. L. 607
Chen, R. M. 8870
Chen, R. S. 633
Chen, S. 3024
Chen, S. F. 3077
Chen, S. H. 634
Chen, S. J. 928, 5553, 9018
Chen, S. L. 9036
Chen, S. N. 7347, 8082
Chen, S. Y. 3852
Chen, T. 601
Chen, W. F. 6004
Chen, W. J. 5893
Chen, W. P. 7013
Chen, W. Y. 1422
Chen, X. J. 151, 3654, 5621
Chen, X. L. 1715, 8087
Chen, X. M. 2695
Chen, X. Q. 6846
Chen, X. W. 635, 4006, 4273
Chen, X. Y. 5532
Chen, Y. 1108, 2861, 3912, 6384
Chen, Y. C. 8860
Chen, Y. F. 6426
Chen, Y. H. 9460
Chen, Y. M. 7446
Chen, Y. Q. 6513
Chen, Y. S. 3329, 5968, 6788
Chen, Y. W. 6607, 6925
Chen, Z. J. 5752
Chen, Z. Q. 5529
Chen, Z. T. 2029, 2640
Chen, Z. X. 1302, 6479
Chen BangQun 2964
Chen BaoYuan 2999
Chen Bin 3629
Chen ChangLi 7350
Chen ChenChang 6430
Chen ChuanQun 1722
Chen ChuTe 9460
Chen DaMei 8575
Chen DeFu 635, 4273
Chen DeHua 8821
Chen DeHui 1088
Chen DeMing 2872, 4425
Chen DeTian 8971
Chen FaZu 6274
Chen Feng 2987
Chen Gang 8012
Chen GoLing 8434
Chen GuiFa 2745
Chen GuoPing 165, 6854
Chen HengWu 308
Chen HuaiMan 8172
Chen HuiYen 9058
Chen HuoYing 162
Chen Jia 1649, 2928
Chen JiaLin 4406, 8675
Chen JianJun 1338, 4509
Chen JianShen 7334
Chen Jie 6384
Chen JieMin 3076
Chen Jing 5626, 7030
Chen JinGui 6539
Chen Jun 3794
Chen LiFeng 6243
Chen MinCai 7039
Chen MinDi 162
Chen MingHui 3702
Chen Neng 6504
Chen PeiYan 634
Chen PeiYuan 4509, 4531
Chen Pin 3658
Chen QiangSheng 2772
Chen QiuFang 7360
Chen RenSheng 633
Chen RongLai 607
Chen RuKai 4353, 5169, 5173
Chen RuMei 8870
Chen ShanNa 7347, 8082
Chen ShiLiang 9036
Chen ShiouYing 3852
Chen Shu 3024
Chen ShuFen 3077
Chen ShuHui 634
Chen ShuJian 928
Chen ShuJiuan 5553, 9018
Chen Tian 601
Chen WanFen 6004
Chen WanJie 5893
Chen WeiYing 1422
Chen WenPing 7013
Chen XiangLi 1715
Chen XiJing 5621
Chen XinJian 3654
Chen XiQing 6846
Chen XiuLan 8087
Chen XiuWen 4006
Chen XiWen 635, 4273
Chen XueJun 151
Chen YaoHuang 9460
Chen YiChang 8860
Chen YihMing 7446
Chen YiSin 3329, 6788
Chen YiWu 6607
Chen Yona 2861
Chen Yong 3912
Chen YongSheng 5968
Chen You 6384
Chen YuFen 6426
Chen YuQuan 6513
Chen ZhiQian 5529
Chen ZhiXiang 6479
Chen ZhongXi 1302
Chen ZhuJun 5752
Chen ZuTang 2029, 2640
Cheng, B. S. 4519, 6790
Cheng, C. S. 6709
Cheng, C. Y. 943
Cheng, D. J. 8576
Cheng, G. 2420
Cheng, G. M. 1707
Cheng, H. H. 6351
Cheng, H. L. 8474
Cheng, H. Y. 8653
Cheng, L. L. 7507
Cheng, L. M. 1267
Cheng, N. 6480
Cheng, P. H. 4250
Cheng, S. P. 8564
Cheng, T. 1308
Cheng, W. H. 2247
Cheng, X. G. 2748
Cheng, X. Y. 9044
Cheng, Y. 7308
Cheng, Y. S. 8310
Cheng, Z. B. 41
Cheng, Z. S. 76
Cheng BingSong 4519, 6790
Cheng ChiYuang 943
Cheng DorJih 8576
Cheng GuoMin 1707
Cheng HongLiang 8474
Cheng HongYan 8653
Cheng LiLi 7507
Cheng LinMei 1267
Cheng Neng 6480
Cheng PiHua 4250
Cheng WanHsing 2247
Cheng XianGuo 2748
Cheng YanSin 8310
Cheng Yi 7308
Cheng ZengShu 76
Cheng ZhaoBang 41
Cheong, B. H. 245
Cheong, J. I. 5498, 5508
Cheong, K. W. Y. 8452
Cheong, S. R. 521
Cheong, Y. K. 368, 5922
Cheong JinIl 5498, 5508
Cheong SeungRyong 521
Cheong YoungKeun 368, 5922
Cheralu, C. 7556
Cherepanov, D. 7481
Cherepneva, G. N. 1182
Chern, C. G. 6430

Chern ChyrGuan 6430
Cherniad'ev, I. 1528
Chernousova, N. M. 190
Chernov, I. A. 6656
Chernykh, I. N. 7205
Chernykh, N. A. 7205
Cherubini, C. 581
Cherubini, M. 6205
Chesson, A. 3788
Chetti, M. B. 433, 5345, 5786, 5943-5944, 9382
Chevalier, P. 3538
Chevalier, P. M. 8412
Chhabra, M. L. 5118, 5128, 5130, 6915-6916
Chhabra, S. 3258
Chhibba, I. M. 9065
Chhina, G. S. 4525
Chhipa, H. P. 7538
Chi, X. Z. 1500
Chi, Y. J. 6618
Chi XinZhi 1500
Chiampiriyakul, A. 1692
Chiang, K. S. 1413
Chiang KwenShen 1413
Chiarello, M. D. 6642-6643
Chiavegato, E. J. 1258-1259, 7666
Chiba, I. 6545-6546, 6900
Chiba, J. 3001
Chiba, K. 3009
Chibbar, R. N. 2175
Chibi, F. 1173
Chibu, H. 6103
Chick, W. S. H. 4110
Chicken, C. J. 810, 5280
Chida, H. 904
Chidambaram, S. 8191
Chien, S. H. 187, 912, 6106
Chien, S. J. 913
Chigarev, U. V. 8016
Chigwe, C. F. B. 3035
Chihaia, O. 7291
Chikkagouda, N. R. 9462
Chikkasubbanna, V. 418
Chikoye, D. 1128
Chikushi, J. 7526, 8380
Child, R. 9408
Childress, W. M. 799
Chileshe, C. 6648
Chilson, O. P. 3996
Chilver, A. S. 4182
Chimbombi, E. M. 8886
Chimitdorzhieva, G. D. 7633
Chimitdorzhijeva, G. D. 7633
Chimmad, V. P. 2442, 5607
Chin, M. S. 1937
Chin MoonSup 1937
China, Zhejiang Provincial Academy of Agricultural Sciences, Crop Research Institute 4252
Chinaswami, K. N. 2571
Chinnamuthu, C. R. 276
Chinnaswami, K. N. 5178
Chinnusamy, C. 2564, 8626
Chino, M. 727, 3922
Chintu, E. M. 3035, 3056
Chiou, R. Y. Y. 5755
Chipanshi, A. C. 6279
Chiranjeev Sarkar 2379
Chirko, C. P. 6157
Chirkova, T. V. 2191
Chirwa, R. W. 3035
Chishaki, N. 3025, 6476
Chithral, G. M. W. 7554
Chittapur, B. M. 2891
Chiu, J. M. H. 8576
Chivkunova, O. B. 1773
Chlopecka, A. 7247
Chmut, P. N. 8749
Cho, D. S. 2301, 5501, 5523
Cho, E. K. 126
Cho, H. T. 1290, 6482, 6492
Cho, K. J. 6645
Chó, K. Y. 8919, 9008
Cho, S. Y. 5501, 5523, 6429
Cho, Y. J. 6852
Cho, Y. M. 6442
Cho DongSam 2301, 5501, 5523
Cho EunKi 126
Cho HyungTaeg 1290, 6482, 6492
Cho KangJin 6645
Cho SooYeon 5501, 6429
Cho SuYeon 5523
Cho YongJin 6852
Chodulska, L. 9205
Choe, H. T. 2167, 4778
Choe, Z. R. 2190
Choe HyungTae 4778
Choe ZhinRyong 2190
Choi, B. H. 7248
Choi, B. S. 2204, 2371, 4782, 4952, 5512, 7336
Choi, C. D. 5512, 7336
Choi, D. H. 4026
Choi, I. H. 5527
Choi, J. S. 8851, 9008
Choi, K. J. 4781, 6573
Choi, K. S. 5499, 7629, 8437
Choi, M. G. 5498, 5523, 6429
Choi, S. H. 9012
Choi, S. Y. 3833
Choi, V. K. 9137
Choi, W. Y. 3828, 5501
Choi, Y. H. 3855
Choi, Y. M. 2554
Choi BooSull 2204, 2371, 4782, 4952, 5512, 7336
Choi ByungHan 7248
Choi ChungDon 5512, 7336
Choi DuHoi 4026
Choi InHu 5527
Choi JaeSeong 8851
Choi KwanSoon 5499, 7629, 8437
Choi KyungJin 4781, 6573
Choi MinGue 6429
Choi MinGyu 5498, 5523
Choi SongYeol 3833
Choi WeonYoung 3828, 5501
Choi YuMi 2554
Chollet, R. 1329
Chomchalow, N. 2368
Chon, C. 2434
Chon, S. U. 5646
Chon SangUk 5646
Chonan, N. 2364, 2378, 3444, 5699, 9342
Chore, C. N. 6440
Chou, C. H. 6709
Chou, T. Y. 9058
Chou ChangHung 6709, 7867
Chou TienYin 9058
Choudhari, B. T. 6440
Choudhari, S. D. 5580
Choudhary, A. 4865
Choudhary, A. K. 1348
Choudhary, J. K. 985
Choudhary, M. 8903
Choudhary, O. P. 7077
Choudhary, R. C. 8505
Choudhery, M. H. 3608
Choudhuri, M. A. 303, 9033
Choudhury, A. K. 4471, 8107
Choudhury, A. N. 3813
Choudhury, A. T. M. A. 4686
Choudhury, G. K. 1829
Choudhury, N. K. 2167
Choudhury, P. K. D. 6454
Chougule, B. A. 5336
Choung, J. I. 3828
Choung JinIl 3828
Chourey, P. S. 214, 1642, 2247
Chow, W. S. 3181-3182, 3196, 7482
Chow WahSoon 3181-3182, 3196
Chowde Gowda, M. 444
Chowdhuri, P. R. 8802
Chowdhury, A. R. 3271
Chowdhury, J. B. 5981, 7743
Chowdhury, M. K. 367
Chowdhury, M. M. U. 6712
Chowdhury, S. R. 5853
Chowfla, S. C. 3216
Choy-Sánchez, J. S. 2284
Chreneková, E. 757
Chrispeels, M. J. 427, 4092
Christ, R. A. 2095
Christen, O. 7712
Christensen, D. H. 2540
Christensen, N. 8097
Christensen, N. W. 5317
Christensen, S. 1493-1494, 4495
Christensen, T. M. I. E. 4188
Christian, D. G. 7196, 9085
Christie, B. R. 2253, 5461
Christie, D. L. 4109
Christie, W. W. 651
Christodoulakis, N. S. 917
Christodoulou, P. 4168, 5813
Christoffoleti, P. J. 7783
Christofi, S. 526
Christopher, D. 8866
Christopher, D. A. 6323
Christopher, M. E. 2923
Christou, M. 8751
Christov, I. D. 7306
Chrungoo, N. K. 1341, 8594
Chu, B. Y. 7203
Chu, C. C. 4256, 5054
Chu, J. 3859
Chu, T. M. 2933, 8389
Chu, Y. H. 5618
Chu BoYang 7203
Chu ChangChi 5054
Chu TehMing 2933, 8389
Chu YongHa 5618
Chua, N. H. 786
Chua NamHai 786
Chuang, R. L. C. 3859
Chub, M. P. 2360
Chuba, R. 2967
Chudek, J. A. 9158
Chueca, M. C. 4563
Chueh, P. J. 8257
Chueh PinJu 8257
Chui, Z. L. 3132
Chui ZuanLing 3132
Chujo, H. 1013
Chukwudebe, A. C. 7025
Chuldzhiyan, Kh. 6308
Chun, J. C. 7259, 8919, 9006
Chun, J. E. 5911
Chun, J. U. 7165
Chun JaeChul 7259
Chun JongEun 5911
Chun JongUn 7165
Chunen, R. 9446
Chung, C. H. 5500, 5610
Chung, D. H. 3403, 5397, 5911
Chung, H. J. 7841
Chung, I. S. 6645
Chung, K. W. 580, 5617-5618
Chung, M. 2420
Chung, R. S. 7479
Chung, W. J. 2007
Chung, W. K. 5624, 6573
Chung ChunHwa 5500, 5610
Chung DongHee 3403, 5397, 5911
Chung InSik 6645
Chung KilWoong 580, 5617-5618
Chung RenShih 7479
Chung WooJin 2007
Chung WooKyung 5624, 6573
Churata-Masca, M. G. C. 513
Chwil, S. 6543
Cia, E. 7666
Ciaffi, M. 78, 6265
Cialâcu, M. 7970
Ciceri, P. 6379
Ciećko, Z. 4183, 7174
Ciepiela, A. 7939
Ciepły, J. 7997
Ciereszko, I. 1130
Cieślik, E. 5837, 6781
Cieśliński, G. 58, 7123
Cigl'ar, J. 3539
Cihlar, J. 7030
Cikánek, D. 1574
Çil, N. 2894
Cinsoy, A. S. 1081
Cinti, F. 1597-1598, 5476
Ciompi, S. 3204, 4101, 9386
Ciontu, C. 7214, 8885
Circular Técnica - EMBRAPA Centro de Pesquisa Agropecuaria do Oeste 1448
Ciria, P. 9067
Ciriciofolo, E. 6216, 9378
Ćirović, M. 3484
Ciscato, M. 59, 2783, 8775
Cisoy, A. S. 6612
Citovsky, V. 9509
Citterio, S. 4833, 7488
Ciulu, G. 8089
Civitareale, C. 2873
Claassen, P. A. M. 2532
Claite, G. 9446
Claparols, I. 5480, 5488
Clapham, W. M. 2467
Clare, R. W. 1299, 5259, 6161
Clark, A. J. 8880-8881
Clark, D. 5883
Clark, J. D. 1066, 6929
Clark, L. E. 309
Clark, R. B. 3603, 4739-4740, 8953-8954
Clarke, B. 3185
Clarke, F. R. 2159
Clarke, J. 8681
Clarke, J. H. 5263, 7877
Clarke, J. M. 116, 2159, 6223
Clarke, M. A. 3461
Clarke, M. C. 74
Clarke, N. A. 5812
Clarke, P. J. 5398, 8733
Clarke, R. C. 1965
Clarke, T. R. 8498
Clarkson, D. T. 63, 3763, 4452
Claros O., A. 2904-2905
Clastre, P. 2793, 2817
Clausnitzer, V. 8366
Claussen, M. 2931, 5458
Clavaux, M. 3533
Clavo, M. 4649
Clawson, E. J. 7545
Clay, D. E. 8956
Clay, S. A. 1631
Clayton, G. W. 8733
Clemens, S. 1172
Clement, J. M. A. M. 81, 6272
Clements, D. R. 2231
Cleyet-Marel, J. C. 2004, 4019
Clijsters, H. 59, 2243, 8775
Clijsters, H. M. M. 6687
Close, T. J. 7843
Clossais-Besnard, N. 2627
Clotuche, P. 4907
Clough, R. C. 334, 7827
Clover, G. R. G. 1198
Cmunt, P. 6765
Coats, G. E. 286
Čobanović, M. 3484
Cobb, A. H. 6779, 8458, 9334
Cober, E. R. 3097-3098, 3100-3102, 9113-9114, 9139
Cocchi, M. 2494, 4918, 8425
Cochran, M. J. 5909, 8490, 8497
Cochrane, M. P. 4565
Cock, J. H. 6033, 6072, 7782
Cocking, E. C. 6499
Cockinos, A. 4449
Coco, A. B. 5873
Cocu, J. C. 5279
Cocucci, M. 5459
Codianni, P. 6213, 6222, 6288, 7990
Coelho, A. M. 1637
Coelho, J. C. 5095
Coello, P. 2246
Coetzer, R. L. J. 3946
Coffin, R. 1216-1217, 2559
Cogle, A. L. 9484, 9489
Cohen, C. K. 8334
Cohen, J. 1242
Cohen, S. 1420
Cohen, Y. 1950, 1950, 2272, 7278
Cohn, J. 1009, 6619
Cohn, M. A. 1700, 2689
Cohn, N. S. 3190
Cojocaru, C. 8089
Coker, D. L. 5888
Çokuysal, B. 7702
Colabelli, M. 1980
Colauzzi, M. 9307
Colburn, A. E. 1768

Cole, D. J. 2911, 2913, 2922, 7260
Cole, N. 8866
Coleman, C. J. 8537
Coleman, J. O. D. 2859, 5494, 8646
Coleman, J. R. 1789, 2022
Coleman, J. S. 2262
Coleman, W. K. 2553, 7627
Coles, G. D. 7126
Colesanti, F. 6206, 6214
Coletti, A. 6200, 6220, 8529
Collazo, M. 5160
Collier, D. E. 2408
Collinge, D. B. 2865
Collins, C. D. 1531
Collins, R. G. 8282
Collins, R. J. 2333
Collins, S. A. 6907
Collinson, S. T. 7545
Colls, J. J. 3675, 8794
Colomb, B. 3491
Colombia, Centro de Investigación de la Caña de Azúcar de Colombia 3546
Colombo, L. 5190
Colombo, N. 2800
Colombo, S. L. 1343
Colón, W. 5571
Colonna, G. 9430
Colton, R. T. 5962
Colvin, D. L. 378, 7468, 8315
Colvin, T. S. 5481, 8887
Comba, M. E. 8287
Combal, B. 92
Combe, L. 2952
Commeau, M. F. 6153
Commuri, P. D. 9199
Comstock, J. C. 699
Comstock, S. 4579
Concari, L. 2140, 4918, 6202, 6219
Concaro, G. 2824
Conde, R. D. 2154
Conde Prat, M. 3543
Condon, A. G. 5320
Condron, R. 8570
Conese, C. 7874
Conley, T. R. 3796
Conner, J. K. 6907
Conner, M. 1109
Connor, D. J. 797-798, 7059
Conocono, E. A. 3839
Conroy, J. 5360
Constabel, F. 7706
Constable, G. 3740, 4368
Constantin, J. 277
Contat, F. 5279
Conte, L. 5134
Conti, D. 2610, 2616, 6203, 6217
Conti, G. G. 3227
Contiero, R. L. 277
Contillo, R. 2682
Contini, M. 4286
Contoli, S. 6202, 6219
Contour-Ansel, D. 8551
Contreras, A. 5834
Contreras, G. E. 5985
Converso, R. 6220
Convertini, G. 1588
Conyers, M. K. 23, 8763
Cook, C. G. 4268-4269
Cook, C. M. 6239
Cook, K. A. 1387
Cook, M. 4046
Cook, R. T. 832
Cook, S. K. 6162, 7877
Cooke, D. T. 9188
Cooke, L. 3552
Coombes, N. E. 1488
Coombs, J. 8704
Cooper, G. 1152
Cooper, H. B., Jr. 2581, 6821, 6836-6837
Cooper, J. E. 810, 816, 5280, 6252, 7080
Cooper, M. 824-827, 3040, 5581, 6529-6530
Coops, N. C. 2705
Copeland, L. 2790, 7574
Copeland, P. J. 8034-8035
Coradetti, C. A. 5903
Corbellini, M. 78, 6265, 6288, 7074
Corbin, F. T. 3069
Corcuera, L. J. 6313
Cordeiro, A. 6117
Cordoba, F. 7292
Córdova, H. S. 3756
Cordovil, C. M. d. S. 8757
Corke, F. M. K. 7528
Corkern, C. B. 3354
Cornelius, P. L. 4489
Cornes, D. W. 1632
Cornia, C. 8523
Cornic, G. 224, 950
Corp, L. A. 8296
Corpas, F. J. 1106
Corral, M. E. 197
Corrales, I. 8054
Corrêa, G. F. 6567
Correa-Victoria, F. 7343
Cortázar S., R. 26
Cortelazzo, A. L. 431
Cortellini, L. 6988, 7819
Cortez, M. J. 130-132
Cosgrove, D. J. 1647, 3183, 4058, 9528
Cosio, E. G. 477
Costa, A. 8041
Costa, A. D. T. 5825
Costa, A. S. V. da 8365
Costa, D. M. da 519, 3314
Costa, G. 9264
Costa, I. T. da 8513
Costa, J. 4896
Costa, L. 6793
Costa, L. dalla 9326
Costa, L. M. 960, 1168, 6362
Costa, M. C. 1674
Costa, M. M. M. N. 5772
Costa, M. M. R. 4896
Costa, M. S. 5465
Costa, N. P. da 8216, 8297
Costa, R. A. 4777, 4779
Costa, W. A. J. M. de 4841
Costa de Macedo, C. 4706
Costamilan, L. M. 3984
Costello, T. A. 2984
Coster, H. G. L. 9393
Cota, A. G. 2431
Côte d'Ivoire, West Africa Rice Development Association 6140
Cothren, J. T. 2589, 3346, 5037, 6830
Cothren, T. 5887
Coudret, A. 5377, 7995
Couée, I. 2920
Coulombe, B. 6824
Coulson, C. L. 156
Coumans, M. 7977
Counce, P. A. 292, 1698, 1703, 2984, 4761
Courault, D. 2793, 2817
Cournac, L. 1733
Courtois, B. 1711
Cousin, R. 9186
Covacevich, F. 3683
Covarelli, G. 1626, 1984
Covello, P. S. 6924
Coventry, D. R. 5291, 8761-8762
Cowan, A. K. 8659
Cowan, D. S. C. 1113
Cowie, A. L. 2461-2462
Cowling, W. A. 6732-6733
Cox, F. R. 3489
Cox, G. 2664, 6069
Cox, H. W. 2343
Cox, M. S. 3404
Cox, R. R., Jr. 7871
Cox, W. J. 8955
Coy, A. E. 1743, 1993, 5448
Coyne, D. P. 4853
Cozma, V. 9576
Cozzi, J. G. 5676
Cozzolino, S. 2873
Crăciun, T. 7178
Craiciu, D. S. 4297
Craigon, J. 3675, 8794
Craik, D. 8589
Cramer, C. L. 4043, 5143
Cramer, G. R. 4409
Crane, D. 3560
Crăpătureanu, S. 8939
Craswell, E. T. 4453
Craufurd, P. Q. 3906, 4357, 5774
Craviotto, R. M. 4011
Crawford, J. W. 576
Creekmore, K. 3345
Cremaschi, D. 650, 1279, 1961, 1975, 2526, 8501, 9380
Cress, W. A. 8645
Cressie, N. 2703
Cresswell, G. C. 5053
Cresti, M. 1328
Crestini, C. 8805
Cretenet, M. 7678
Criddle, R. S. 1634
Crippen, D. L. 6416
Crivineanu, C. 7614
Croce, R. 9502
Crocker, G. J. 5266
Crocomo, O. J. 4351, 5170-5171
Croft, B. J. 9454
Croker, S. J. 404
Crookston, R. K. 7210, 8882
Croser, C. 7856
Crosnier, J. C. 5251
Cross, R. H. M. 4566
Crossa, J. 3756, 4489
Croughan, T. P. 7337
Crow, G. H. 8868
Crowder, S. H. 8485
Crowe, J. H. 7017
Crowe, L. M. 7017
Croy, R. R. D. 7518
Crozat, Y. 4019
Cruse, R. M. 3477, 6405, 7875
Crutchfield, J. D. 1066
Crute, I. 2123
Cruz, I. 923-924
Cruz, J. C. 5424
Cruz, L. S. P. 3388, 9122
Cruz, R. T. 2281
Cruz, S. 2238-2239
Cruz de Carvalho, A. P. A. 5383
Cruz Licea, G. de la 9343
Cruz-Medina, R. 3593
Cruz V., R. 5163
Cruz Z., M. 2904
Csathó, P. 1612, 8341
Csintalan, Z. 7977
Cuadrado, C. 476
Cuartero, J. 5538
Cuello, J. 3711, 8864
Cuenya, M. I. 6945, 7780
Cueto-Wong, J. 4890
Cuevas, J. M. 8877
Cui, D. C. 4633
Cui, D. J. 7879
Cui, G. X. 3377
Cui, H. 1295
Cui, J. B. 8213
Cui, J. L. 7438
Cui, J. Y. 3269
Cui, L. 6284
Cui, L. Y. 3074
Cui, S. P. 77
Cui, S. Y. 7674
Cui, W. J. 6401
Cui, Y. B. 8564
Cui, Y. L. 6799
Cui, Z. 8512
Cui, Z. L. 2805
Cui DeJie 7879
Cui DuChang 4633
Cui GuoXian 3377
Cui JianBo 8213
Cui JianYu 3269
Cui JiLin 7438
Cui Lin 6284
Cui LiYa 3074
Cui ShiYou 7674
Cui SiPing 77
Cui WenJun 6401
Cui YuLan 6799
Cui Zhuan 8512
Cui ZhuanLing 2805
Cuin, T. 1409
Culiañez-Maciá, F. A. 2919
Culley, J. L. B. 160, 5427
Cullis, B. R. 8763
Cultivar 2901
Cultivar, Hors Série 503
Čumakov, A. 757
Cunfer, B. M. 31-32
Cunha, M. M. da 9116
Cunningham, C. E. 1908
Cunningham, R. B. 3715-3716
Cunningham, S. D. 737
Cunningham, S. G. 2593
Curbelo, F. 4364
Curi, P. R. 4087, 4847
Čurn, V. 2006
Curran, P. 5236
Curran, P. J. 7026
Currie, G. 8589
Currie, R. S. 6339, 7937
Currie, V. 1216-1217
Curt, M. D. 3891
Cury, D. M. 6775-6776
Curyło, T. 3399, 5370, 7243
Cushman, K. E. 5824
Cutillas-Iturralde, A. 4052
Cutler, A. J. 6394
Ćwintal, M. 6730
Cwojdziński, W. 2836, 3486, 3578
Cyprus, Agricultural Research Institute 1437
Cyr, R. J. 3435
Cywinski, M. 9257
Czajkowski, M. 8836
Czaplak, I. 2717
Czekała, J. 4924, 9329
Czosnek, H. 8781
Czuba, R. 5195
Czypionka-Krause, U. 7791
Czyż, E. 725
Da, S. 5601
Da Costa, A. S. V. 8365
Da Costa, D. M. 519, 3314
Da Costa, I. T. 8513
Da Costa, N. P. 8216, 8297
Da Cunha, M. M. 9116
Da Fonseca, J. A. 8053
Da Glória, B. A. 2049
Da Ros, C. O. 2882
Da Silva, A. C. F. 519, 3314
Da Silva, A. P. 2941
Da Silva, E. R. 8142
Da Silva, J. B. 2216
Da Silva, J. B. C. 4995
Da Silva, J. F. 3977
Da Silva, N. M. 1257, 6815
Da Silva, P. R. F. 4655
Da Silva, R. F. 1753, 8217, 8298-8300, 8350
Da Silva Júnior, A. 9319
Da Silva-Júnior, J. P. 7303
Da Silva Souza, Z. 519
Daamen, C. C. 4744
Dabas, S. 4865
Dabir, D. J. 6740
Dabney, S. 5868
Dabney, S. M. 3888, 5020
Dąbrowska, D. 2642
Dąbrowska, K. 1867
Dacanay, E. V. 2443, 2446, 2477, 8613
Dacosta, J. 874
DaCunha, A. R. 1660
Dadarwal, K. R. 7529, 8708
Dadhwal, K. S. 5941, 9383
Dadhwal, V. K. 5367
Dadlani, M. 4791
Dadoura, S. S. 2474-2475
Daftardar, S. Y. 5521
Daghan, H. 2782
Dagne, K. 5970
Dahatonde, B. N. 3890, 4845, 8479
Dahdouh, S. M. 1576
Dahiwalkar, S. D. 8279, 8371
Dahiya, B. N. 4861, 6704
Dahiya, D. R. 8079
Dahiya, P. 408
Dahiya, S. S. 7592, 8563

Dahlberg, J. A. 4738
Dahlin, C. 4526, 9531
Dahlstedt, L. 1451-1452
Dai, H. 1413
Dai, H. W. 9172
Dai, J. Y. 3794
Dai, L. Y. 6506
Dai, Q. J. 3792, 4626, 4730, 5565
Dai, S. J. 8262
Dai, X. 6402
Dai, Z. X. 5052
Dai HongWen 9172
Dai Hwa 1413
Dai JunYing 3794
Dai LuYuan 6506
Dai QiuJie 3792, 4626, 4730, 5565
Dai ShuJue 8262
Dai Xun 6402
Dai ZhiXin 5052
Daimon, H. 9177
Dakhore, R. C. 4143
Dal Re, L. 4918, 6988
Dalal, R. C. 810, 816, 1169-1170, 5280, 6252
Dale, A. E. 3727-3728, 3735
Dale, F. 598
Dale, M. F. B. 568, 9332
Dalessandro, G. 7159
Dalgliesh, N. P. 8884, 9489
Dalla Costa, L. 9326
Dalla Vecchia, F. 882
Dallari, P. 5826
Dalpaz, R. C. 2885
Daly, P. 592
Dam, J. van 2550
Damario, E. A. 5955
Damhury, S. 4643
Damião Filho, C. F. 8916
Daminati, M. G. 1144
Dammann, U. 6553
Damme, E. J. M. van 750
Damme, P. van 3268
Dammer, S. 2202, 7807
Damor, U. M. 3429
Dampney, P. M. R. 5263
Damsz, B. 2029, 7754
Danalatos, N. G. 6271
Dančák, I. 3487
Dancer, J. E. 6647
Dandár, A. 490
D'Andria, R. 5436
Danehower, C. 5027
Danforth, D. M. 8490
Dang, Y. P. 6039, 6443
Daniel-Vedele, F. 2686
Danielis, R. 6201, 6879
Daniels, M. J. 6756
Daniels-Lake, B. J. 2559
Danielson, A. D. 6333
Danielsson, O. 5713
Danko, J. 2797
D'Anna, F. 1120
D'Annibale, A. 2822, 7135
Danso, S. K. A. 3151
D'Antonio, C. 4407
D'Antuono, L. F. 7200, 9377
Dantur, N. 2037, 7779
Danuso, F. 3963
Dao, L. 4193
Dao, P. T. 9167
Dao, T. H. 3
Dapaah, H. K. 2422
Dapkūnienė, S. 1238
Darange, S. O. 1952
Darash, R. 8611
D'Arc de Lima, R. 543
D'Arcy-Lameta, A. 2429
Dardanelli, J. L. 7834
Dardir, B. 1349-1350
Dargeviciute, A. 3458
Darginavičienė, J. 5341
Dario, G. J. A. 1674
Darji, V. B. 3363, 8306
Darusman 8892
Darvill, A. G. 5148, 6653
Darwich, N. 5202
Darwinkel, A. 7893
Darwish, M. R. 6095
Darwish, Y. I. 4175
Das, A. 9149, 9154
Das, B. B. 3376
Das, D. 801, 5080
Das, D. R. 8379
Das, G. P. 536
Das, G. R. 251
Das, J. C. 4471
Das, K. 812, 3413, 8541
Das, K. N. 3413
Das, N. 5560, 7356, 8169
Das, N. R. 820, 1270, 1379, 5080, 5220
Das, P. 1736, 2355, 6706, 7383
Das, P. K. 1947, 5009-5010, 6044, 6454, 7656, 7781, 8469, 9452
Das, S. 3255
Das, S. K. 6522
Das, S. N. 7008
Das, S. Y. 812
Das, V. S. R. 3501, 6991
Das Gupta, D. K. 1694
Dasarathi Swain 8384
Dasgupta, B. 3420
Dasgupta, D. 4864
Dasgupta, S. 4864
Dash, A. B. 241
Dash, S. K. 7768
Dashner, R. 3125
Dashrath Singh 9465
Dashti, M. 4023
Dashti, N. 6617
Dass, S. 6471
Dastgheib, F. 451
Dastoor, P. H. 6843
Dat, J. F. 7863
Data, E. S. 2562
Datke, S. B. 5779
Datnoff, L. E. 4705, 9016
Datsenko, V. K. 360
Datta, K. S. 4755
Datta, S. K. de 970, 980, 1680, 4672-4673, 6435
Dauchel, H. 7685
Daughtry, C. S. T. 8296
D'Auzac, J. 1638
Daveby, Y. D. 5720
Davenport, R. J. 4533
Davey, M. R. 2871, 5001, 6499
David, A. 3372
David, H. 3372
David, N. R. 6644
David, P. 8904
David, P. P. 4210
Davidian, J. C. 4309
Davidonis, G. H. 1958, 6843
Davidson, J. G. N. 5398
Davidson, M. W. J. 8018
Davies, A. 3806
Davies, A. E. 409
Davies, C. 8737
Davies, D. B. 1299, 7073
Davies, D. R. 6688
Davies, E. 1394
Davies, F. M. 1127
Davies, H. A. 6756
Davies, H. T. 514-516
Davies, H. V. 1121, 1229
Davies, J. A. R. 560
Davies, J. M. 6999
Davies, M. G. 4753
Davies, P. J. 1928, 4826, 7490
Davies, T. G. E. 8646
Davies, W. J. 1404, 7289
Davies, W. P. 4524, 7054
Davis, A. A. 520, 1908
Davis, H. B. 8598
Davis, J. B. 667
Davis, J. G. 5887, 8034-8035
Davis, K. R. 5883
Davis, R. D. 7023
Dawelbeit, M. I. 8719
Dawood, R. A. 1349-1350
Dawson, G. W. 2430
Dawson, T. E. 6870
Daxberger, A. 8255
Day, D. A. 363, 1244, 1758, 6743, 9540
Day, J. L. 1743
Day, J. M. 461
Day, T. A. 3415
Day, W. 2555
Daya Ram 3478, 6550
Dayal, T. R. 1935, 9313
Dayan, F. E. 6578
Daykin, A. 8336
De, B. 3879-3880
De, C. 7531
De, D. N. 5806, 7596, 8384
De, G. C. 3255, 4661
De, R. N. 1015
De Abreu, C. A. 3948, 6815
De Agazio, M. 2245
De Alencar, A. R. 8513
De Almeida, J. A. S. 7704
De Andrade, F. P. 8513
De Andrade, L. R. M. 3630, 7110, 7113
De Andrade, R. V. 8096, 8183
De Azevedo, J. T. 8096, 8183
De Baerdemaeker, J. 3530
De Baets, A. E. G. 7170
De Barros, E. G. 6590
De Beer, J. M. 188
De Bertoldi, M. 8704
De Beus, M. D. 5108, 7731
De Boer, A. H. 860, 1538, 6315
De Boer, M. 1525
De Boois, H. 5247
De Brito, C. H. 8260, 8596
De Brito, S. de F. M. 9175
De Britto, A. J. 2452
De Bruijn, S. M. 7638
De Bruyn, A. 6001
De Buyser, J. 5342
De Camargo, M. B. P. 6388
De Carvalho, F. I. F. 6285
De Carvalho, L. P. 8481
De Castro, E. M. 3022
De Castro, J. L. 5305
De Castro, L. H. S. M. 6450
De Cesare, F. 2245, 5190
De Costa, W. A. J. M. 4841
De Datta, S. K. 970, 980, 1680, 4672-4673, 6435
De-Eknamkul, W. 1762
De Felipe, M. R. 2468, 7591
De Filippis, L. 9435
De Forchetti, S. M. 5965
De Forchetti, S. R. M. 9298
De França, G. E. 1637
De Franchi, A. S. 146
De Freitas, C. J. 2880
De Freitas, J. G. 2757, 4479, 5305, 5321
De Gara, L. 4895, 5205, 8787
De Godoy, I. J. 8303
De Groote, H. 3541
De Grooth, B. D. 961
De Haro, A. 5988
De Jager, J. M. 3795, 8730
De Jesus, M. A. e S. 4655
De Jong, A. 393, 8329
De Jong, H. 514-517
De Jong, R. W. 5820
De Juan, J. P. 228
De Juan Javier, P. 2946
De Juan Valero, J. A. 5948
De Klerk, G. J. 6146
De Koning, G. H. J. 4973
De L. Avila, A. 2543
De la Casa, A. C. 6136
De la Puente, L. S. 833
De la Serrana, H. L. G. 4352
De Lajudie, P. 4679
De Leonardis, S. 6786
De Lorenzo, C. 2468
De Lucca e Braccini, A. 3218, 8260, 8280-8281
De Lumen, B. O. 6593
De Marco, D. 5105
De Mastro, G. 6882, 8516
De Meis, L. 5465
De Mesquita Filho, M. V. 6803
De Moraes, J. A. P. V. 4847, 8252
De Moura, E. G. 6695
De Moura Pires, N. 7258
De Ninno, G. 2140
De Ninno, M. 6213
De Nisi, P. 937, 2261
De Oliveira, A. C. 8096, 8183
De Oliveira, E. L. 3951
De Oliveira, E. T. 5170-5171
De Oliveira, F. A. 8481
De Oliveira, J. T. A. 3270
De Oliveira, J. V. 4655
De Oliveira, M. A. J. 6700
De Oliveira, M. C. N. 6563, 8216, 8228, 8261, 8297
De Oliveira, R. S., Jr. 7258
De Oliveira, S. A. 6803
De Pace, C. 5818
De Pieri, L. A. 751
De Pinho, J. L. N. 5772
De Pinto, M. C. 4132, 5205, 8787
De Proft, M. P. 5816
De Pury, D. G. G. 6993
De Queiroz, E. F. 3944, 6603
De Resende, J. C. F. 3154
De Ridder, D. N. 1212
De Rodríguez, D. J. 4285
De Romero, M. G. Y. 3117
De Roton, C. 4328
De Ruijter, F. J. 542, 2535
De Ruijter, N. C. A. 9215
De Ruiter, J. M. 8737
De Sá, M. E. 4844, 5749
De Salle de Hys, L. 4328
De Santa Olalla, F. M. 5948
De Santis, A. 1640
De Siqueira, J. G. 6802
De Sousa, O. 3452
De Souza, D. M. G. 3945
De Souza, J. L. 5757
De Souza, P. I. de M. 2057
De Souza, P. R. 4655-4656
De Souza, S. R. 9017
De Souza, V. F. 6695
De Souza Júnior, J. O. 8359
De Tafur, S. M. 5848
De Toledo, V. C. 4602
De Toledo, V. V. 8912
De Vries, G. J. H. 6759
De Willigen, P. 5209
Dean, G. 409
Dean, J. V. 4615
Dean, P. 2559
Deane, K. 3628
Deb, B. 7501
Deb, D. L. 7925, 8735, 9082
Deb, N. 1270, 1379, 1772
Debabrata Das 801
Debabrata Sarkar 1932, 8460
Debaeke, P. 1985, 2169, 7069, 7134, 8030, 8893
Debchoudhury, A. 5110
Debian, N. 8073
Deblonde, P. M. K. 2161
Debnath, G. 3494
Debre, F. 3313, 6678
Debreczeni, B. 5286
Debreczeni, K. 1470, 3580, 7916
Debrunner, P. G. 873
Dechen, A. R. 2345, 3592
Dechnik, I. 3519, 6189
Deckard, E. L. 6113
Decker, A. M. 8880-8881
Decker, W. L. 962
Deckmyn, G. 4553
Decottignies, P. 7369
Deege, R. 2109
Deepak Mathur 8552
Deeva, V. P. 4912
Deferne, J. L. 6857
Deffune, G. 4520
Defoer, T. 3541
DeGaetano, A. T. 1428
Degago, Y. 1053
D'Egidio, M. G. 2156
Deguine, J. P. 7669
DeHahn, T. 8257
Dehaye, L. 2922
Dehne, H. W. 4442
Deidda, M. 28
Deil, U. 9554
Deiting, U. 4964-4965
Déjardin, A. 5714
Deka, J. 1381-1382
Deka, N. C. 3309, 6626
Deka, S. C. 9004

Deka, S. D. 5637
Del Aguila, R. 4649
Del Carmen Gomez-Jimenez, M. 1173
Del Molino, I. M. 833
Del Pino, A. M. 2610, 2616
Del Puglia, S. 6214
Del Re, A. A. M. 8240
Del Río, L. A. 1106, 4824, 6649
Del Valle, R., Jr. 5008
Del Vecchio, A. J. 5340
Del Villar, A. 4874
Delachiave, M. E. A. 4087, 8252
DeLacy, I. H. 825, 1361
Delany, A. 7681
DeLaune, R. D. 4726
Delbourgo, R. 4625
Deléens, E. 2914
Delgado, G. E. 3332
Delgado, I. C. 1990, 7709
Delgado, J. A. 5315
Delgado, R. 7274
Delian, E. 7499
Dell, B. 3628, 4120, 6891, 8544
Della Penna, A. B. 7938
Dell'Amico, J. 4180
Dell'Aquila, A. 95
Delle Vedove, G. 4585
Delmas, M. 2019
Delogu, G. 2140, 5395-5396, 6298
Delowara Khanam 5198
Delrot, S. 411, 2418, 5735
Delvaux, B. 769
Demagante, A. L. 497
Demandre, C. 2939
Dembiński, E. 930
Demchenko, K. N. 6246
Demchenko, N. P. 6246
Demchik, S. M. 3415
Demidowicz, G. 8873
Demilly, D. 7015
Demin, N. I. 7632, 8853
Demin, V. A. 7632, 8853, 8911
Demir, İ. 5306
Demirci, M. 7702
Demirevska-Kepova, K. 7195
Demirkan, H. 7702
Demmig-Adams, B. 1286, 2076
Demo, P. 1911
Den Hertog, J. 6118
Dencescu, S. 4009
Deneken, G. 6104, 8638, 9500
Denešová, O. 4160, 7612
Denev, I. D. 5335, 7969
Deng, F. 288, 7341
Deng, F. D. 4034
Deng, G. R. 3092
Deng, H. M. 1302
Deng, J. X. 602
Deng, T. H. 806
Deng Fan 288, 7341
Deng FangDi 4034
Deng GuiRen 3092
Deng HongMin 1302
Deng JianXiu 602
Deng TianHong 806
Denic, M. 3047
Denis, M. H. 5735
Denison, R. F. 8686
Denmark, Danish Institute of Plant and Soil Science 5245
Denmark, Landsudvalget for Planteavl 784
Denmark, Plantedirektoratet 9563
Dennert, J. 2203
Dennett, M. D. 4841
Dennis, D. T. 5254, 8509
Dennis, F. G., Jr. 2567
Denyer, K. 1641, 1788, 3185, 9516
Deokar, A. B. 5748, 8511
Deol, G. S. 2211
Deore, D. D. 4477
Deotale, R. D. 338, 4010, 4282, 6715
Deotale, R. O. 8391
DePauw, R. M. 116, 6223
Depigny-This, D. 8673
Deputat, T. 8873
Deren, C. W. 699, 7329, 8610
Derendiayeva, T. A. 1416
Derevenko, A. S. 1221
Derksen, D. A. 6172, 8410
Derksen, J. 1403
Dermastia, M. 4199
Deroanne, C. 8703
Derron, J. O. 2534, 4974
Deryło, S. 3479, 4586
Desai, A. G. 5798
Desai, B. B. 3510, 4830
Desai, B. K. 7459
Desai, S. 5244
Deshmukh, D. D. 4792
Deshmukh, D. T. 658
Deshmukh, J. P. 5762
Deshmukh, M. R. 2606
Deshmukh, P. S. 7974, 8796
Deshmukh, R. B. 5787, 7571-7572
Deshmukh, R. G. 1767, 4030
Deshmukh, R. V. 5580
Deshmukh, S. C. 8118, 8184, 8220
Deshmukh, S. N. 4030, 6631
Deshmukh, S. S. 8418
Deshmukh, V. N. 5578
Deshpande, S. B. 1373, 5748
Deshpande, S. S. 8181
Desiderio, E. 6206, 6209, 6214, 8189-8190
Desimone, M. 1565
Dessai, A. P. 589
Dessaune Filho, N. 5449
Dessouki, E. E. 5399-5400
Deswal, D. P. 4861, 6704
Detroja, C. R. 1089
Detroja, H. J. 1185
Dettinger, D. 3368
Deunff, Y. le 5725
Deutsch, A. 17
Dev, D. V. 4792
Devakumar, N. 5691
Devani, M. 9112
Devani, M. R. 9109
Devaraj, G. 2657
Devarajan, R. 6441
Devarenne, T. P. 4615
Devasagayam, M. M. 3075, 4410, 5186
Devasahayam, M. M. 6716
Devasenapathy, P. 4667, 7463, 7476
Devender Singh 8724
Devendra, R. 1983
Deveshwar, J. J. 1175, 8407
Devi, E. P. 7575
Devi, G. 9063, 9252
Devi, K. N. 9232
Devi, M. 1370
Devi, S. R. 2248
Devi, T. C. 2040
Devkota, R. N. 3562
Devliegher, W. 191
Devlin, R. M. 4299
Dewar, C. T. 4197
Dey, J. K. 164, 2064, 6971
Dey, P. 11
Dey, P. C. 1357
Dey, P. M. 7642
Dey, S. C. 8107
Dhage, A. B. 8492
Dhage, A. R. 4830
Dhaka, J. M. 6920
Dhakar, L. L. 6022
Dhakshinamoorthy, M. 315
Dhaliwal, L. K. 7119, 7139
Dhaliwal, L. S. 8607-8608
Dhaliwal, R. K. 8607-8608
Dhaliwal, S. S. 1472
Dhanapal, G. N. 1326
Dhandapani, N. 1784
Dhane, S. S. 6630
Dhanju, K. S. 3216
Dhankar, J. S. 7740
Dhankhar, J. S. 5119
Dhar, V. 6414
Dharmalingam, C. 7352, 7595
Dhatt, A. S. 4323
Dhawan, A. K. 5113
Dhawan, K. 6912
Dhawan, R. S. 2879, 3038
Dheer Singh 7311
Dhillon, A. S. 9403
Dhillon, B. S. 1622, 8915
Dhiman, S. D. 8983
Dhindsa, G. S. 5382
Dhindsa, K. S. 2869
Dhingra, H. R. 3258, 9201, 9259
Dhital, B. K. 5522, 6170, 7220, 9333
Dhliwayo, H. 7251
Dhoble, M. V. 6091
Dhonukshe, B. L. 471-472
Dhope, A. M. 4366, 9062
Dhopte, A. M. 5779
Dhurandher, R. 9104
Dhuyvetter, K. C. 173
Di, X. 7464
Di Bari, V. 1588, 7371
Di Bartolomeo, N. G. 3753
Di Candilo, M. 1967, 8326
Di Fonzo, N. 6213, 6222, 7074, 7990
Di Marco, S. 2077
Di Martino, C. 2155
Di Martino Rigano, V. 879
Di Paola, M. L. 1822
Di Prima, G. 6208, 6210
Di Turi, M. 95
Di Xian 7464
Diabaté, S. 7985
Diallo, N. 4822
Diamantopoulos, G. S. 6334
Dianese, J. C. 8243
Diani, J. 3996
Dias, D. C. F. dos S. 8280
Dias, D. C. F. S. 5680-5681, 8350
Dias, J. S. 2123
Dias, W. P. 543
Diatta, S. 7326, 8985
Díaz, C. E. 5456
Díaz, E. 2048
Díaz, G. S. 307
Diaz, H. 7774
Diaz, M. J. 9294
Diaz, T. 4925
Diaz-Alarcón, J. P. 4352
Díaz-Ortega, A. 5160
Diaz-Pollan, C. 460
Díaz S., J. 4816
Díaz S., J. A. 1594
Dibut, B. 3681
Dibyendu Dutta 7008
Dick, R. 2664
Dick, R. G. 6069
Dickerman, A. M. 7277
Dickinson, G. R. 9328
Dickinson, J. R. 6322
Dicko, O. 1769
Dickson, J. W. 756
Dickson, P. A. 1662, 1681
Dicorato, W. 7498
Didonet, A. D. 4539
Diepen, C. A. van 4973
Diepenbrock, W. 8943
Dietrych-Szóstak, D. 1547
Dietz, K. J. 2212, 7189, 8859
Diez, M. C. 7563
Diez, T. 7816
Digambar Sarma 8619
Digby, J. 8937
Dijk, C. J. van 4100, 7520, 8367
Dijk, W. van 911, 2884, 4580, 4589, 6349, 8896, 8909
Dijkman, J. T. 8026, 8105-8106
Dijkstra, P. 1515, 1533, 6118
Dikshit, P. R. 2014, 3947, 6722
Dilday, R. H. 4692, 4699
Dilip Singh 6022
Dillon, C. R. 4240
Dillon, M. 8001
Dillon, V. M. 3837
Dilly, R. R. 4701
Dimitrov, I. 416, 3748, 5491
Dimitrova, D. 1931
Dimov, S. 154
Din, J. 4803
Dinesh 7036
Dinesh Chandra 6420
Dinesh Kumar 2749, 3574
Dinesh Sharma 8398
Dinev, N. 5491
Ding, A. D. 577
Ding, B. L. 6392
Ding, C. W. 4998
Ding, S. R. 8564
Ding, Y. L. 8591
Ding AiDong 577
Ding BaoLian 6392
Ding ChengWei 4998
Ding YongLe 8591
Dingkuhn, M. 1723
Diniz, M. de S. 6796
Diniz, S. P. S. S. 2240
Dinnes, D. L. 7875
Dinoor, A. 3317
Diogo, E. 3763
Dipierro, S. 6786
Dippenaar, M. C. 8477, 9369
Dirja, M. 1
Dita R., M. A. 9331
DiTomaso, J. M. 2912
Ditommaso, A. 7426
Ditsch, D. C. 6929
Diviš, J. 5822
Dixit, A. 1315, 1629
Dixit, J. P. 1847, 2063
Dixit, L. 4678
Dixit, R. S. 1146, 8381
Dixon, D. 7260
Dixon, D. G. 2629
Dixon, M. A. 5485
Dixon, R. A. 7527
Dixon, R. K. 796
Dixon, S. D. 6092
Díz, G. S. 681
Dizon, M. A. 252, 980
Djiana, R. 1963
Djurhuus, J. 2845
Dkhar, P. S. 9025
Dlouhý, J. 1451-1452
Do, F. 1733
Do Amarante, C. V. T. 6761
Do C. Matos, M. 5700
Do Céu Matos, M. 5700
Do Nascimento, W. M. O. 8028
Döbereiner, J. 1249
Dobermann, A. 2993, 4674
Dobránszki, J. 5832
Dobre, M. 9095
Dobrescu, A. 7291
Doco, T. 6653
Dodake, S. B. 6630
Dodd, I. C. 1404, 8405
Dodd, R. B. 1964
Dodson, G. G. 1865
Dodson, R. F. 2269
Doe, M. 4821
Doehlert, D. C. 7281
Dofing, S. M. 5398
Doğan, Y. 6918
Dogar, M. A. 3985
Dogar, M. S. 248
Dogra, R. C. 1153, 4122
Doi, Y. 317, 2294-2296
Dok, M. 9105
Doke, N. 7647
Đokić, D. 2792
Dokić, P. 3484
Dolapchiev, L. B. 2647
Dolgodvorov, V. E. 3920
Dolgykh, Y. I. 5468
Doll, H. 5401
Doll, J. D. 1062
Dolničar, P. 3304, 4942, 4960
Domačinović, B. 2895
Domadia, J. M. 3379
Domenach, A. M. 4019
Domingos Rodrígues, J. 4087
Domingues, M. C. S. 4573
Domínguez, F. 2791
Domitruk, D. 6172
Domska, D. 2488, 5294, 8738
Donahue, J. L. 4043
Donaire, J. P. 5100, 7711
Donald, W. W. 1479, 2888
Donaldson, E. 2814

Donaldson, G. 6092
Donaldson, R. A. 7775-7776
Donaldson, R. P. 5919
Donatelli, M. 6078
Donchenko, P. A. 361
Dong, D. M. 8270
Dong, H. L. 8478
Dong, H. Z. 8493
Dong, J. D. 1024
Dong, J. J. 8209
Dong, M. Y. 3085, 4776, 5650
Dong, Q. Y. 6262
Dong, S. T. 4622, 6369, 6398
Dong, W. M. 5752
Dong, W. Z. 7464
Dong, X. L. 7902
Dong, Y. H. 225, 5331, 8067
Dong, Z. 8612
Dong, Z. Q. 6845
Dong DeMing 8270
Dong HaiLing 8478
Dong HeZhong 8493
Dong JinJiang 8209
Dong JunDe 1024
Dong MingYuan 3085, 5650
Dong MinYuan 4776
Dong QingYu 6262
Dong ShuTing 4622, 6369, 6398
Dong WeiMin 5752
Dong WenZhao 7464
Dong XueLi 7902
Dong YongHua 225, 5331, 8067
Dong ZhiQiang 6845
Donnari, M. 5349
Doorn, W. G. van 7842
Dora, K. B. 3451, 6047
Dorado, M. P. 6919
Doré, T. 7038, 8332
Dörffling, K. 2179, 3644
Dorion, S. 841
Dormaar, J. F. 8765
Dorn, J. 1545
Dorne, A. J. 7004
Dornelles, A. L. C. 6285
Dornescu, D. 4375
Dorofeev, V. I. 3528
Dos Santos, F. F. 6803
Dos Santos, H. P. 2670, 3498, 5261, 6229, 6302, 6964, 7999
Dos Santos, J. P. 8959
Dos Santos, R. C. 9175
Dos Santos, R. R. 5303, 5307
Dos Santos, V. L. M. 8217, 8298-8300
Došenović, I. 3283, 3291-3292
Dost Mohammad 97
Dotray, P. A. 2584
Dottori, A. 2141
Douce, R. 392, 3186, 4044, 4187, 4822, 7004
Dougbedji, F. 5695
Doughton, J. A. 1169-1170
Douglas, A. C. L. 3041, 3045
Douglas, C. L., Jr. 1459
Douglas, L. A. 8783
Doulis, A. G. 8073
Douma, A. C. 885
D'Ovidio, R. 8413
Dovrtěl, J. 7998
Dow, J. M. 6756
Dowdy, R. H. 203
Dowler, C. C. 5018
Dowling, A. J. 4207, 4217, 8468
Dowling, B. 1237
Dowling, C. 3042
Dowling, C. W. 2343
Dowling, D. 9578
Down, G. 5413
Downer, S. M. 7277
Downey, R. K. 2020
Downie, B. 2601
Downie, J. A. 409
Downing, T. E. 2130
Dráber, P. 6009
Drabkin, A. V. 1538, 4922
Dracup, M. 1864, 2733, 5791
Dradi, S. 6219
Draghetti, L. 2077
Drake, B. G. 3118, 9561
Drake, G. M. 2700
Drakenberg, T. 9190
Draper, J. 7872
Draycott, A. 4962
Draycott, A. P. 1883
Dražďák, K. 4946
Dreccer, M. F. 4567, 8766
Drefus, B. 8103
Drennan, D. S. H. 3727-3728, 3735
Drevon, J. J. 2438, 4848, 5656
Drew, M. C. 1656, 3060, 3803, 5487, 8658, 9534
Drew, R. L. K. 579
Dreyer, S. 8014
Dreyfus, B. 4679
Drincovich, M. F. 1644, 1646, 6385
Driouich, A. 7846, 9368
Driscoll, S. P. 4334
Driss-Ecole, D. 669, 9262
Drizek, D. T. 4854
Drochioiu, G. 3786, 3926
Droillard, M. J. 8582
Droog, F. 8651
Droogers, P. 6327
Drossopoulos, J. B. 7749
Drouet, J. L. 933
Druchek, E. V. 4943
Drumea, V. 4139-4140
Drummond, S. T. 8688
Drury, C. F. 6359
Druziak, V. 8736
Druz'yak, V. G. 7057
Drysdale, A. D. 6082
Drzewecki, S. 1492
Du, C. K. 8072
Du, G. R. 2964
Du, H. 6933
Du, L. C. 1320
Du, L. J. 7507
Du, L. van 4703
Du, R. P. 4416
Du, S. Y. 1100
Du, X. M. 5061
Du, X. T. 6859
Du, Y. C. 3464, 4355
Du, Y. Q. 8870
Du Boil, P. G. M. 6956
Du ChaoKun 8072
Du GenRong 2964
Du He 6933
Du LiangCheng 1320
Du LiJuan 7507
Du RongPing 4416
Du ShouYu 1100
Du Toit, C. L. N. 9369
Du Toit, W. 8039
Du XinTian 6859
Du YongQin 8870
Du YuChun 4355
Dua, I. S. 4888
Dua, R. P. 7577
Duan, A. W. 6401
Duan, J. 2999
Duan, S. F. 4028
Duan, X. 1157
Duan, X. M. 7607
Duan, X. N. 7902
Duan, X. R. 5773
Duan, Z. F. 6799
Duan AiWang 6401
Duan Jun 2999
Duan ShuFen 4028
Duan XiangRong 5773
Duan XianMing 7607
Duan XinNing 7902
Duan ZhenFeng 6799
Duara, P. K. 5110
Dubelman, A. M. 8920
Dubert, F. 1516-1517, 7885
Dubey, B. C. 2401
Dubey, M. P. 1063, 1278, 3106-3107
Dubey, R. P. 6076
Dubey, R. S. 8171
Dubey, S. K. 1057, 1188, 2289, 7453
Dubey, Y. P. 807, 8728
Dubin, H. J. 1501
Dubis, E. 537
Dubois, A. 8703
Dubois, F. 5815
Dubrovo, P. N. 1866
Dubrovsky, J. G. 6552
Dubuc, J. P. 9091
Duckett, K. E. 6839
Ducournau, S. 7015
Ducreux, G. 5342
Ducruet, J. M. 874
Duda, V. 7634
Dudde, K. B. 5584
Dudeja, S. S. 1153, 4122, 7600
Dudetskiĭ, A. A. 4392, 7090
Dudetsky, A. A. 7090
Dudhade, D. D. 5116
Dudhe, R. S. 658
Dudhe, Y. H. 716
Dudinova, I. A. 335
Duebelbeis, D. O. 7418
Dufaud, A. 8007
Dufey, J. E. 8121
Duff, S. M. G. 8258
Dufossé, K. 2806
Dugas, W. A. 623, 2347-2348
Dugassa, G. D. 4266
Dugue, P. 7660
Duhan, A. 1167
Duhan, B. S. 8774
Duijn, B. van 876
Duijn, G. van 885
Đukanović, L. 2890
Duke, E. R. 7281
Duke, S. H. 9199
Dukes, M. D. 7477
Dukes, P. D. 5770
Dumas-Gaudot, E. 5728
Dumbroff, E. B. 6368
Dumitru, M. 189, 8904
Dumur, D. 2718
Dunaevsky, Y. E. 7765
Dunand, R. T. 4701, 6462
Dunbier, M. 9558
Dunca, J. 4623
Duncan, S. R. 6556
Dunham, R. J. 1202
Dunlap, F. 1641
Dunwell, J. M. 3289, 4170
Duplessis, P. M. 2558
Dupuy, N. 4679
Duque, F. F. 8365
Duque, J. 2908
Durachko, D. M. 1647
Durai, R. 5178, 5227
Durairajmuthiah, N. 6438
Durán, A. 7774
Duran, M. C. 4290
Duran, M. V. 4925
Duran, M. van 3917
Durand, M. 1638
Duranti, M. 3261, 9278
Durgan, B. R. 7935
Durgaprasad, K. M. R. 355
Durgaprasad, M. M. K. 4797
Durgude, A. G. 8198
Durlak, W. 1595
Durner, J. 5142
Dürr, C. 1206
Dürr, H. J. 7858
Durso, N. A. 3435
Durst, F. 2779, 4074
D'Urzo, M. P. 2640, 7754
Duthion, C. 2385, 9267
Dutilleul, P. 7265
Dutta, D. 3158-3159, 3382, 7008
Dutta, P. J. 1043
Dutta, S. C. 1381-1382
Dutta, T. C. 3309
Duţu, H. 3775
Duval, Y. 1206
Duvall, T. M. 6811
Dvořák, M. 2679
Dwelle, R. B. 2557
Dwivedi, A. 6710
Dwivedi, A. K. 2561, 8346-8347
Dwivedi, G. K. 1735, 9538
Dwivedi, P. K. 281, 3826
Dwivedi, R. K. 7010
Dwivedi, S. 5855
Dwivedi, S. K. 4764-4765, 6594
Dwivedi, S. L. 376, 1775, 4033
Dwivedi, V. D. 7010
Dwivedi, Y. C. 2424
Dwyer, L. M. 160, 2934, 3808, 4610, 5427, 7221
D'yachenko, I. V. 6303
Dybing, C. D. 5623
Dyck, F. B. 8830
Dyer, C. 7073
Dyer, C. J. 5284
Dyer, W. E. 5933
Dykstra, G. D. 176
Dyomin, N. I. 7632
Dyomin, V. A. 7632
Dyson, C. B. 1487
Dzhazin, F. A. 2225
Dzhumaev, B. B. 730, 5896
Dziamba, S. 6741
Dziamski, A. 2206
Dzienia, S. 2197, 3299, 3311
Dzowela, B. H. 7237, 7239
Earl, H. J. 7261
Eason, R. 6416
Easson, D. L. 3370
Easterling, M. M. 7302
Easterling, W. E. 7302
Eastin, J. D. 8193
Eastmond, P. 2621
Eastmond, P. J. 8509
Eastwood, D. 8598
Eavis, R. M. 6080
Ebbert, V. 9187
Ebel, J. 477, 8255
Ebel, R. C. 5773
Ebelhar, M. W. 2576, 5877, 5880, 5884
Ebenebe, A. C. 9075
Ebenezar, E. G. 4410, 5186
Eberle, W. J. 2238-2239
Eberlein, C. V. 527
Eberwein, R. K. 2084
Ebida, A. I. A. 5007
Ebihara, K. 6591
Ebisu, N. 1009
Eccles, N. S. 1834
Echegoyen, P. E. 4035
Echevarría, C. 839
Echevarria, C. 6526
Echevarría, I. 299
Echeverria, E. 6478
Echeverría, H. E. 5202
Echeverria, H. E. 3683
Echeverría, J. E. 1466
Eckert, H. 5410
Eckert, M. I. 2216
Eckhoff, J. 133
Eckhoff, J. L. 6225
Eckstein, J. 1294
Edelman, M. 8587
Edelmann, H. G. 1047, 2194, 9391
Ederli, L. 2874, 3442, 3710
Edhofer, I. 1564
Edi Premono, M. 2242
Edighoffer, S. 3765
Edison, S. 473
Edmeades, G. O. 4629
Edmisten, K. L. 9348
Edney, M. 8866
Edney, M. J. 8868
Edriss, N. H. 566-567
Edwards, A. 1788
Edwards, D. I. 3115
Edwards, E. J. 6779, 9334
Edwards, G. E. 992, 1562, 3070, 6385
Edwards, I. 5310
Edwards, J. H. 6787, 7662, 9497
Edwards, R. 1288, 1791, 2911, 4289-4290, 7260, 8533
Efkar Ahmad 508
Efremova, L. N. 6175
Egashira, K. 7316
Egdane, J. A. 3839
Ege, H. 2848
Eggenberg, P. 5154
Eggleston, K. L. 1428
Eghbal, M. K. 491
Egilla, J. N. 3339, 5875

Egli, D. B. 1072, 1087, 5210, 5684, 8276, 9151, 9522
Egorina, L. M. 2292
Egorova, E. V. 1240
Egorova, R. A. 7633
Eguchi, H. 2563
Eguchi, T. 2563
Egumenovski, P. 3526
Ehara, H. 3915, 6549, 9014, 9084
Ehleringer, J. R. 6685
Ehlers, W. 1200, 5372
Ehlert, D. 7168
Ehmele, F. P. 2135
Ehrenreich, D. L. 3554
Ehrenreich, J. H. 3554
Ehsanullah, M. 4493
Ehteshamuddin, A. F. M. 5568
Ehteshamul-Haque, S. 3935, 5651
Eichacker, L. A. 1564
Eid, M. A. M. 4488
Eiland, B. R. 3457
Einhellig, F. A. 4427
Eisenhauer, D. E. 5620
Eisenreich, W. 7280, 8928
Eising, R. 5951
Eissa, A. M. K. 4488
Eissenstat, D. M. 7835
Eiszner, H. 5016
Ejaz Rasul 7790
Ejiri, S. 7346
Ek, P. 7279
Ekeberg, E. 1897
Eker, S. 2782, 6548, 8773
Ekinci, F. 3618, 7954
Ekiz, H. 2786
Ekiz, H. 2782, 6186, 6548
Eklöf, S. 6006
Ekmekçi, Y. 3668
Ekobena, F. A. P. 3622
Ekshinge, B. S. 653, 5123, 5914, 5931-5932, 5978, 5980
El-Abd, S. O. 7508
El-Aggan, W. H. 1367
El-Ahmad, M. 5713
El-Ahmer, B. A. 5693
El-Amin, S. M. 1208
El-Badry, O. Z. 1460, 1599, 7103, 7185
El-Barkouki, T. M. 566-567
El-Bassam, N. 9470
El-Bassel, A. A. 4688
El-Batal, M. A. 1603
El-Bawab, A. O. 5399-5400
El-Bedewy, R. 2515
El-Bially, M. E. 199-200, 648, 1628, 2300, 8348
El-Debaby, A. S. 6028-6029
El-Desouky, M. M. 6670-6671
El-Din, G. M. S. 1461, 4029
El-Douby, K. A. 5423, 5730
El-Enany, A. E. 5674
El-Far, I. A. 813
El-Gamal, A. S. 5399-5400
El-Geddawi, I. H. 6028
El-Geddawy, I. H. 6029
El-Ghandour, I. A. 4022
El-Gohary, S. A. 5032
El-Habbak, K. E. 1605, 1614, 5423, 5430, 5730, 5866
El-Habbasha, K. M. 1102
El-Hadad, T. 6595
El-Haleem, A. A. A. 8254
El-Hamid, M. A. 7937
El-Hariri, D. M. 3730, 5630
El-Harris, M. 4175
El-Hinawy, H. 1349-1350
El-Jaafari, S. 850
El-Kadi, M. A. 8254
El-Kashoury, E. A. 3375
El-Katatny, M. S. 8950
El-Khateb, F. K. 8471
El-Khateeb, F. K. 9359
El-Komy, H. M. 8950
El-Maayar, M. 7878
El-Maghraby, H. E. 2302
El-Maghraby, S. E. 3605
El-Mandoh, M. E. 5693
El-Menoufi, M. M. 4488
El-Mergawi, R. A. 5455, 9207
El-Morsi, E. A. 5784
El-Nabarawy, M. A. 437-438
El-Nagar, G. R. 813
El-Naggar, H. M. M. 5866, 7934
El-Naggar, R. A. 6861
El-Nashar, A. T. 1207
El-Nasr, F. M. S. 5730
El-Samad, H. M. A. 5673
El-Samie, F. S. A. 8348
El-Sayed, A. A. 5399-5400
El-Sayed, S. F. 566-567
El-Shahawy, M. I. 9351
El-Sharkawy, M. A. 5848, 8465
El-Sheikh, E. A. E. 5731
El-Sherbini, A. M. 5399-5400
El-Shourbagy, M. N. 4261, 6861
El-Sirafy, Z. M. 5032
El-Tinay, A. H. 2925
El-Tohamy, W. A. 1140
El-Wafa, M. H. A. 8867, 9080
El-Wakeel, A. 324
El-Zidany, A. A. 5731
El-Zik, K. M. 611, 2577
Elam, E. W. 5076
Elamin, E. M. 8313
Elanchezhian, R. 7987
Elbein, A. D. 8274
Él'darov, É. I. 2574
Eldredge, E. P. 2547
Eleftheriou, E. P. 1520
Eleftherohorinos, I. G. 831
Elemery, M. I. 5743
Elias, E. M. 6224, 7016
Elias, M. 8439
Eliason, M. 1535
Elicano, D. T. 2443
Eligio, D. T. 2441
Elkan, G. H. 6142
Ellefson, R. S. 8857
Elliott, D. E. 8777-8780
Elliott, L. F. 3538
Elliott, M. C. 3288, 5814
Elliott, N. C. 2148
Ellis, J. R. 8295
Ellis, M. C. B. 2555
Ellis, N. 6065
Ellis, R. H. 1099, 2320, 3906, 4357, 8277
Ellis, R. P. 4576
Elmer, W. H. 1915
Elmes, M. J. 1625
Elmi, A. 9111
Elmore, C. D. 5267
Elmore, R. W. 5620
Elrabie, H. G. 5743
ElSamad, H. M. A. 8286
Else, M. A. 1274
ElSohly, H. N. 3375
ElSohly, M. A. 3375
Elsy, C. R. 8999
Elzenga, J. T. M. 5710, 6640
Emam, Y. 5330
Embleton, E. J. 564
Emerman, S. H. 6870
Emes, M. J. 398, 1502, 3187, 5217
Emons, A. M. C. 961, 1650
Emteryd, O. 8910
Endale Gebre 2516
Endo, T. 317, 6545-6546
Endres, T. J. 4015
Endres, V. C. 2056
Eneji, A. E. 8023
Eneva, S. 168
Engelhardt, G. 4396
Engelmann, F. 709
Engels, C. 951, 3799, 9511
Engels, T. 9496
Engin, M. 8401
English, M. 3483
Englyst, H. N. 5719
Engström, L. 7279
Ennos, A. R. 1297, 7710
Enomoto, Y. 8521
Entrup, N. L. 3476
Entwistle, P. 1949, 3588
Entz, M. H. 1454
Eöry, V. J. 4634
Ephrath, J. E. 779, 5208
Epiphanio, J. C. N. 3532, 4859
Epplin, F. M. 7
Epstein, E. 8952
Eraky, S. A. 535
Eranna, A 6354
Erazzú, L. E. 7780
Erbach, D. C. 6340
Erbe, E. F. 2393
Ercoli, L. 2259, 3440, 3908, 4389
Ercolini, L. 207
Erda, L. 229, 777
Erdei, L. 4415
Erdelský, K. 9428
Ereifej, K. I. 4953, 7496
Erenoğlu, B. 2782, 2786
Erickson, J. R. 4490
Eriksson, I. 5966
Eriksson, J. 4535
Eriksson, J. E. 7127-7128
Erimbaue, G. 7785
Erman, M. 9260
Ermatov, A. M. 3361
Ernst, F. F. 9061
Ernst-Schaeben, R. 2712
Erol, H. 2706
Eronen, L. 3293
Erp, P. J. van 1227
Errebhi, M. 552, 5836
Érsek, T. 1230
Ershov, S. A. 7226
Ershova, A. N. 1794
Erskine, W. 458-459
Erstad, K. J. 2851
Ertan, F. 3618
Erythrina 6163
Esashi, Y. 4835
Esau, R. 766
Esaulenko, E. A. 8772
Escalante Estrada, A. 7512
Escalante Estrada, J. A. 1129, 1133
Escalante Estrada, L. E. 1133
Escobar, R. H. 6795
Escobedo, J. F. 5757
Escorial, C. 4563
Escudero, A. C. 5756
Escuredo, P. R. 1104, 6701
Esendal, E. 9157
Esengün, K. 9547
Eser, D. 7800, 8715
Eshanna, M. R. 606
Eskling, M. 9504
Esnault, M. A. 7590
Esparza, D. 4874, 7534, 9118
Espen, L. 5459
Espinosa, M. A. 6945
Esposito, S. 879
Esquerré-Tugayé, M. T. 7761
Esser, J. E. 6666
Esser, K. B. 106
Esteban, R. M. 1816
Estefanel, V. 3215
Estefanous, A. N. 5297
Estévez, A. 565
Estiarte, M. 855
Estoconing, V. G. 2443
Estorninos, L. E., Jr. 273
Estrella, I. 4127
Esumi, Y. 1709
Esuoso, K. O. 5860
Etheridge, R. E. 3965
Ethridge, D. E. 6095
Eugenio Coelho, F. 932
Eullaffroy, P. 7187
European Network for Low External Input and Sustainable Agriculture 3561
Evangelista, P. P. 306
Evans, E. E. 4240
Evans, E. J. 6893
Evans, J. 7502
Evans, M. L. 2932, 8936
Evans, R. G. 557
Evans, S. D. 906
Eveleigh, R. 3588
Everett, M. W. 8090
Everts, H. 2884
Evidente, A. 5205
Evron, Y. 8587
Eweida, M. H. T. 1749
Ewert, F. 67, 2196
Ewing, E. E. 1928, 4969
Eyherabide, J. J. 4959
Eyini, M. 2268, 6363
Ezedinma, F. O. C. 591
Ezeh, N. E. 5776
Ezumah, H. C. 591, 1945, 4583
Faber, A. 8836
Faber, K. 8807
Fabre, J. L. 815, 2169
Fabre, N. 8565
Fabres, G. 5246
Faccio, A. 958
Fadzilla, N. M. 3877
Fadzillah, N. 1016
Fadzillah, N. M. 297
Faeti, V. 8326
Fagerberg, B. 6312
Fageria, N. K. 3022, 4676, 6475, 8711
Fagioli, M. 8028
Fagnano, M. 3225-3226, 8404, 8414
Faheem Hamid 1907
Fahem, M. 2544-2545
Fahl, J. I. 3390, 5434
Fahnestock, P. 3804
Faiguenbaum, H. 3810
Faïk, A. 6648
Fairbanks, D. H. K. 5230
Fairchild, G. L. 181, 8036
Faivre, R. 9549
Falasca, S. 9219
Falco, M. C. 2049, 3462
Falcón, A. 8246
Falęcki, A. 4302
Fall, R. 1391
Fallah, V. M. 3831
Fallavier, P. 6376
Fallik, E. 5492
Fălticeanu, M. 4083
Falynskov, E. M. 2359
Fambrini, M. 8532
Faměra, O. 8630
Fan, B. F. 6479
Fan, B. X. 8496
Fan, H. 4809
Fan, H. D. 1675
Fan, T. L. 6129
Fan, Y. L. 7971
Fan, Y. P. 4529
Fan, Y. X. 6848
Fan, Y. Y. 6284
Fan, Z. B. 9166
Fan BaoFang 6479
Fan BaoXiang 8496
Fan HaoDing 1675
Fan Hui 4809
Fan TingLu 6129
Fan YanPing 4529
Fan YinYan 6284
Fan YueXian 6848
Fan YunLiu 7971
Fan ZhanBiao 9166
Faneite, A. 9118
Fang, M. 3619
Fang, P. 2987, 5524
Fang, P. Y. 3816
Fang, R. 76
Fang, S. D. 2964
Fang, Z. F. 6474
Fang, Z. L. 308
Fang, Z. W. 6231
Fang Min 3619
Fang Ping 2987
Fang PingYi 3816
Fang Ren 76
Fang ShouDi 2964
Fang ZhangFa 6474
Fang ZhaoLun 308
Fang ZhiWei 6231
Fangmeier, A. 4536, 8833
Faoro, F. 3261
Farage, P. K. 2189, 6888
Farah, S. M. 8182
Farahani, H. J. 2893
Fardad, H. 5391
Fares, K. 1204
Farhatullah 6604
Farid, E. M. 8254
Farida Begum 2131, 2181, 2230

Farkhadi, Z. N. 730
Farkhutdinov, R. G. 5354, 7978
Farmer, F. S. 3093
Farmer, G. 2352
Farnsworth, B. L. 4955
Farnworth, J. 8709
Faroda, A. S. 3425, 6922, 7592, 8563
Farooq-e-Azam 8776
Farquhar, G. D. 2164, 6993
Farrant, J. 7495
Farrant, J. M. 2414, 7514
Farrar, J. 4412
Farrar, J. F. 736, 898-899, 6317, 7053
Farràs, R. 4547
Faryabi, A. 7697
Fath, A. 4570
Fathi, G. 5392, 6335
Fatkhullaeva, G. N. 4258
Fauconnier, M. L. 9131
Fauquet, C. 5849
Faure, B. 6673
Faure, J. 4719
Faure, J. P. 5342
Fausey, N. R. 8947
Fautrier, A. G. 5789
Fauziah 2035
Favati, A. 4754
Faver, K. L. 616, 2577
Favret, E. A. 2800
Fawcett, B. J. 2278
Fayemilihin, A. A. 1587
Fayyaz-ul-Hassan Sahi 8535
Fecenko, J. 2853, 3602, 3701, 6361, 6769
Fechner, W. 7807
Feddes, R. A. 5207
Federico, R. 207, 8413
Federizzi, L. C. 6285
Fedler, J. 9352
Fedorov, A. A. 7208
Fedorova, T. A. 7767
Fedotova, T. N. 3784
Feger, M. 477
Fehér, C. 5437
Feichtinger, F. 7283
Feigin, A. 964
Feil, B. 3764, 7391, 8803, 8848
Feiters, M. C. 2381
Feldmann, R. de O. 8183
Feldner, H. C. 1080
Felício, J. C. 5303, 5305, 5307-5308, 5321
Felipe, M. R. de 2468, 7591
Fell, D. A. 6772
Felle, H. 8066
Felle, H. H. 6917
Feller, U. 3625
Felsheim, R. F. 6896
Fendrik, I. 3198
Feng, D. Y. 3000
Feng, F. Z. 4034
Feng, G. H. 3610
Feng, J. X. 4466
Feng, L. 1500
Feng, L. D. 6474
Feng, L. P. 2798
Feng, Q. 1100, 8790
Feng, W. X. 4013
Feng, Z. L. 6257
Feng, Z. X. 588
Feng DingYuan 3000
Feng FuZhen 4034
Feng JinXia 4466
Feng LaiDing 6474
Feng Ling 1500
Feng LiPing 2798
Feng Qian 1100
Feng Qing 8790
Feng WenXin 4013
Feng ZhaoLi 6257
Feng ZuXia 588
Fennell, J. F. M. 5820
Fenny, P. 5364
Fenton, G. 7825
Fenton, T. E. 2954
Fenwick, G. R. 3427, 4892, 5794
Fenwick, R. 4887
Fereres, E. 867
Fereres, S. 866
Fergola, S. 5963
Ferguson, D. L. 2586, 5901
Ferguson, M. E. 1179
Ferguson, R. B. 8901
Fernandes, K. V. S. 4871
Fernandes, M. S. 9017
Fernandes, R. B. A. 8359
Fernandes Boaro, C. S. 4087
Fernandes Ferreira, M. 5092
Fernandes Soares, S. 3835
Fernández, C. J. 2589
Fernandez, C. J. 5898
Fernández, E. 4069
Fernández, E. J. 1181, 1450
Fernandez, E. M. 8317
Fernández, J. 1181, 3891
Fernández, J. A. 3921
Fernández, J. E. 1255, 2943, 5444
Fernández, L. 4233
Fernández, M. I. 5985, 5989
Fernandez, M. R. 6223
Fernández-Boy, E. 2943, 5444
Fernandez-Boy, E. 1255
Fernandez-Caso, M. 2436
Fernández-Martínez, J. 5988
Fernández N., M. 7585
Fernández-Pascual, M. 2468, 7591
Fernández-Rivera, S. 5233
Fernández Valiente, E. 972
Ferrandino, F. J. 1915
Ferrão, M. A. G. 5449
Ferrão, R. G. 5449
Ferrarese, M. de L. L. 4777
Ferrarese, M. L. L. 4779
Ferrarese-Filho, O. 4777, 4779
Ferrari, F. 3261
Ferrari, G. A. 192
Ferrari, J. L. 1466
Ferrari-Iliou, R. 2429
Ferrario, S. 6241
Ferrario-Méry, S. 9436
Ferrasson, E. 5721
Ferraz, E. B. 3237
Ferraz Júnior, A. S. de L. 9017
Ferreira, J. O. P. 1674
Ferreira, M. A. S. V. 8243
Ferreira Filho, A. W. P. 2757, 5303, 5305, 5307, 5321
Ferreiro, M. A. 2083
Ferrera-Cerrato, R. 1418, 8368
Ferrero, C. 6198
Ferrero, M. 6198
Ferri, D. 3909
Ferte, N. 1292
Fery, R. L. 5770
Fesenko, A. N. 3194, 4062
Fetouh, S. A. A. 5784
Fettell, N. A. 7502
Feussner, I. 7951
Fido, R. 5413
Fiedler, U. 7487
Field, C. B. 7162
Field, S. P. 4207
Fieldsend, J. K. 671
Figueiredo, J. E. F. 6587
Figueiredo, M. V. B. 3237, 5792
Figueras, M. 4399
Filek, M. 2263, 7965, 9216
Filek, W. 4146-4147
Filella, I. 5417
Filgueira, F. A. R. 513
Filgueira, R. R. 50
Filipan, T. 854
Filipas, A. S. 1747, 6303
Filipek, T. 5131
Filipek-Mazur, B. 3495
Filipiak, K. 9543
Filippis, L. de 9435
Filippov, A. V. 1916
Fillery, I. R. P. 462, 464
Finardi-Filho, F. 427
Finch, R. P. 297, 3877
Finch, R. R. 1016
Fincher, G. B. 6321
Findlay, G. P. 6232
Findlay, K. 6756
Finger, F. L. 4933
Finlayson, S. A. 3396, 3803, 8060
Finnan, J. M. 8809, 8831
Finnerty, B. 498
Finnie, C. 409
Finnigan, J. J. 3680
Fiore, M. C. 5952
Fiorelli, F. 8914
Fiorin, J. E. 2948
Firman, D. M. 549
Firmin, J. 409
Firn, R. D. 8937
Firsov, S. A. 7693
Fischbeck, G. 2203, 3590, 8022
Fischer, A. 9003, 9549
Fischer, E. 3051
Fischer, J. 7643
Fischer, J. D. 3095-3096
Fischer, K. 4624
Fischer, M. M. 4655
Fischer-Schliebs, E. 208, 7204
Fischle, A. R. 1487
Fischlin, A. 2534, 4974
Fiscus, E. L. 4018
Fisentzides, A. 6328
Fisher, A. 2501
Fisher, B. 6843
Fisher, D. B. 732
Fisher, N. M. 6082
Fishman, S. 4971
Fitt, G. P. 8486
Fitter, A. H. 4537, 7148
Fjell, D. L. 1037, 3053
Flamme, W. 6291
Flanagan, L. B. 2022
Flandre, F. 8339
Flašarová, M. 3705
Fleck, N. G. 9116, 9120
Fleckenstein, J. 4483
Fleischmann, T. J. 3069
Fleming, J. E. 8277
Flénet, F. 2618
Flesch, R. D. 8358
Fletcher, F. E. 527
Fletcher, J. S. 1660, 4440
Fletcher, R. A. 8084, 8797
Fleury, M. D. 8868
Fliedel, G. 5257
Flikweert, M. T. 876
Flink, M. 877
Flint, S. D. 5222
Flis-Bujak, M. 7245-7246
Flood, R. G. 3569, 6329
Floot, H. W. G. 4487, 4562, 4928, 4949, 7102
Florido, M. 4004
Floris, G. 1177
Flower, D. J. 8180
Flowers, T. J. 5538
Fluhr, R. 5144
Flurkey, W. H. 6707
Flury, T. 3126
Foale, M. A. 2331, 2732, 3029
Focchi, S. 8878
Fock, H. 1521, 8586
Fock, H. P. 1511
Fofana, B. 4698
Fogliano, V. 939
Fokin, A. D. 5371
Folbergerová, Z. 1880, 4156, 4909-4911
Folcia, A. M. 7938
Follett, R. F. 184, 1462
Follmann, H. 1075
Folly, A. 3533
Fonfana, N. F. 7
Fonji, C. F. 7537
Fonseca, I. C. B. 4597
Fonseca, J. A. da 8053
Fonseka, H. 2530, 2538
Fonseka, H. H. D. 7551
Fontán, H. M. 4987
Fontana, F. 1961, 1975
Fontanini, D. 61
Fontem, D. A. 1917
Fontes, E. P. B. 6587
Fontes, M. P. F. 6362
Fontes, P. C. R. 3218, 4933, 6771
Fontes, R. L. F. 6771
Fonzo, N. di 6213, 6222, 7074, 7990
Foody, G. M. 6127, 7026
Forbes, G. A. 3328
Forcella, F. 4590, 6365, 9115
Forchetti, S. M. de 5965
Forchetti, S. R. M. de 9298
Ford, J. H. 7210, 8882, 8890
Fordoński, G. 9209, 9275
Fork, D. C. 1137
Forlani, G. 5228, 6774, 7282, 7752, 7758
Formaggio, A. R. 3532, 4859
Fornal, J. 4314, 4317
Fornal, Ł. 3657
Fornara, M. 6206, 6209, 6214
Fornasieri Filho, D. 3818, 6176, 8369
Fornasiero, R. B. 2823
Foroutan-pour, K. 6319
Forrer, H. R. 7795
Forsén, S. 9190
Forseth, I. N. 357
Förstel, H. 143
Forster, B. P. 4576
Förster, H. 2109, 3767
Forte Lay, J. A. 9219
Föry, W. 2238-2239
Fossati, A. 2399
Fossati, D. 8848
Foster, K. R. 8196
Foster, M. 4449
Fotyma, M. 723
Foulkes, M. J. 6161
Fouraste, I. 8565
Fowler, D. 1518
Fowler, J. 5887
Fowler, M. R. 3288
Fowler, T. 5068
Fox, C. A. 1419
Fox, G. P. 7197
Fox, P. N. 827, 3558
Fox, T. C. 1108
Foy, C. D. 1577, 5903, 9268
Foyer, C. H. 1384, 6241, 7863, 8073, 8083, 9436, 9580
Fracheboud, Y. 1653, 4628
Fragu, P. 7440
França, G. E. de. 1637
França, G. V. 6567
França Neto, J. de B. 8297
Frančáková, E. 3487
Frančáková, H. 3472, 3514
France, Institut Technique Français de la Betterave Industrielle 7043
France, Union Nationale Interprofessionnelle des Légumes Transformés 1782, 1812, 7511
Franceschetti, M. 2028
Franceschi, V. R. 6385
Franchi, A. S. de 146
Franchito, S. H. 7296
Francis, C. A. 6301
Francis, D. 8336
Francis, D. D. 179, 6347
Francis, G. S. 18
Francis, H. J. 1160
Francisco, L. C. 3033
Franck, F. 865, 7187
Francl, L. J. 6224
Franco-Vizcaíno, E. 7230
Franek, M. 1997-1998
Franke, A. 558
Fránová, J. 2637
Frans, R. E. 612
Franssen, H. 2096
Franzen, D. 9293
Franzen, D. W. 8927
Franzén, L. G. 4526
Franzoni, L. 3165
Frappier, J. R. H. 6896
Fraternale, D. 4049
Frattini, F. 2140
Frazier, M. J. 5838
Frear, D. S. 4497
Frechilla, S. 8855
Frederick, J. R. 1456, 6844
Fredlund, K. M. 3287, 4967
Freed, G. A. 6667

Freeling, M. 2926
Freeman, B. L. 5021
Freitas, C. J. de 2880
Freitas, J. G. de 2757, 4479, 5305, 5321
Frenda, A. S. 2406, 5085-5086
Frensch, J. 4400, 8061
Frey, F. 2407, 5734
Frey, J. E. 8295
Frey, M. 7280, 8928
Freyssinet, G. 6387
Frías, I. 2919
Frias, J. 460, 4142
Frías-Hernández, J. 8094
Frick, R. 185
Fricke, W. 894, 3712, 3773, 8858
Frid, A. S. 7972
Friebe, A. 859, 4549
Fried, P. M. 7056
Friedman, M. 4193, 4980
Fries, L. L. M. 959
Friis, E. 8680
Frisvold, G. B. 2949
Fritea, L. 7132
Fritea, T. 1, 763, 7132
Fritz, C. D. 5900
Fritz, J. O. 5593
Frizzell, B. S. 8480
Frizzone, J. A. 5747
Froderman, T. 6707
Froment, M. A. 4550, 6162, 8681
Fromhold-Treu, D. 8255
Frommer, W. B. 1226
Froněk, D. 1880, 1890, 4156, 4910-4911, 9295
Frongia, L. 6214, 8189
Frossard, E. 4613
Frost, D. L. 7367
Frusciante, L. 495, 2508
Fry, J. E. 8195
Fry, S. C. 2444
Fry, W. E. 547
Fu, C. M. 7764
Fu, G. P. 2977-2978, 9406
Fu, H. H. 3019
Fu, H. L. 5670
Fu, J. M. 381, 3821, 4809, 5276, 6632
Fu, J. R. 382-383, 2995, 3167, 4036, 4038, 4041, 4807, 6111, 6516, 8320
Fu, R. X. 270
Fu, S. Z. 6889
Fu, W. 4403
Fu, X. H. 161
Fu, X. Q. 5072
Fu, Z. 6792
Fu, Z. H. 8493
Fu ChunMei 7764
Fu GuiPing 2977-2978, 9406
Fu HuiHua 3019
Fu HuiLan 5670
Fu JiaRui 382-383, 2995, 3167, 4036, 4038, 4041, 4807, 6111, 6516, 8320
Fu JinMin 381, 3821, 4809, 5276, 6632
Fu RongXing 270
Fu ShouZhong 6889
Fu Wei 4403
Fu XiaoQiong 5072
Fu XinHua 161
Fu Zhe 6792
Fu ZhenHua 8493
Fuchs, M. 1950
Fuentes, M. 1181, 1450
Fuerst, E. P. 2147, 2238-2239, 8771
Fugro, P. A. 5798
Fuhrmann, J. J. 4774
Fujii, H. 1241
Fujimori, H. 1424
Fujinaga, M. 7689
Fujioka, S. 8666
Fujisawa, E. 4335
Fujita, K. 3247, 7430
Fujita, M. 7929
Fujiwara, H. 8920
Fujiyama, H. 3844-3845, 6698
Fukai, S. 302, 1672, 2317-2318, 4211, 5581, 6529, 8974, 9049
Fukase, M. 2383, 3995, 3999
Fukase, Y. 3586
Fuks, B. 7822
Fukuba, H. 7542
Fukuda, H. 744, 3433
Fukuda, M. 9143
Fukuda, Y. 2383
Fukuju, H. 1704
Fukuoka, H. 296
Fukushima, A. 5549, 8155, 8521
Fukutoku, Y. 7445
Fukuyama, T. 7199, 9226
Fulcher, R. G. 7126
Füleky, G. 2685, 8095
Fuller, R. 1423
Fullerton, S. 949
Fullone, M. R. 939
Fulton, M. C. 4220
Fulzele, G. R. 6631
Fumagalli, I. 2822, 3224
Funar, G. 189
Funatsu, G. 2838
Funderburg, E. 5887
Furbank, R. T. 6383, 6894, 7379, 8580
Furini, A. 4061
Furlani Junior, E. 7318
Furnari, G. 5134
Fursov, V. N. 4251
Furuichi, Y. 7766
Furukawa, K. 9035
Furuse, K. 7647
Furuta, S. 1800
Furuya, M. 945
Furuya, T. 1077, 5659, 7526
Fusae, T. J. 2334
Fusari, A. 2822, 7135
Fushimizu, K. 6481
Fusi, F. 1822
Futakuchi, K. 5566
Futsuhara, Y. 5766
Fyfield, T. P. 2751
Fyk, B. 7494
Gabbrielli, R. 2783
Gabellini, E. 2494, 8425
Gabiana, C. 9233
Gadal, P. 6526
Gadalla, A. M. 3682
Gadallah, M. A. A. 1296, 3387
Gaddanakeri, S. A. 1371
Gadgil, S. 6568
Gadhia, D. S. 7912
Gadre, R. P. 7300
Gadzhiev, P. I. 1903
Gaetani, M. 4921
Gaev, V. M. 7698
Gaffé, J. 7684-7685
Gage, D. A. 404, 1642
Gagianas, A. 7677
Gagnon, H. 7587
Gagro, M. 3301, 3306
Gahan, P. B. 8332
Gahanbin, S. 5574
Gahoonia, T. S. 8811
Gai, J. Y. 6600
Gai JunYi 6600
Gaikawad, S. T. 3521, 9074
Gaikwad, B. G. 8185
Gaikwad, B. H. 6024
Gaikwad, C. B. 5939, 6726, 8618, 8628, 8694
Gaikwad, S. S. 6566
Gaillard, C. 8007, 8856
Gajbhiye, V. T. 1913
Gajdoš, J. 3389, 9428
Gajendra Giri 4284, 7735, 8522
Gajri, P. R. 69, 7216
Gal, A. 9507
Galal, A. A. 1230
Galal, Y. G. M. 4022, 4689, 6444, 9164
Galas, W. 6008
Galau, G. A. 4276
Galegati, C. 9308
Galhiane, M. S. 5155
Galiba, G. 852, 3670, 7977
Galili, G. 1509
Galinat, W. C. 5432
Gális, I. 562
Galitskiĭ, V. V. 758
Galkin, A. V. 4922
Gallagher, D. 1910
Gallagher, R. S. 2887
Gallaher, R. N. 8194
Gallardo, F. O. 7563
Gallardo, M. 2458
Gallardo-Lara, F. 8782
Gallego, S. M. 2613, 8287
Galleschi, L. 61
Galletti, G. C. 5476
Galletti, S. 4917
Galli, E. 7273, 8914
Galli, M. G. 7498
Galli, U. 4637-4638
Gallie, D. R. 6266
Gallo, G. 6208, 6210
Gallo, L. A. 5170-5171
Gallo, P. B. 5303, 5631, 6450, 7666
Gallotti, G. J. M. 8358
Galrão, E. Z. 915, 2899
Galston, A. W. 9525
Galterio, G. 2140-2141
Galvêas, P. A. O. 5449
Galvez, A. F. 6593
Galvez, G. 6958
Galwey, N. W. 6586
Gambhir, P. N. 2162, 8816, 8820
Gamble, E. E. 1127
Gamble, G. R. 1964
Gambrell, R. P. 4726
Gamburg, K. Z. 6108
Gambuś, F. 3499
Gambuś, H. 3657
Gament, E. 8904
Gammelvind, L. H. 4308
Gamuev, V. V. 485
Gan, S. S. 5211
Gan, Y. 5378
Gan, Y. B. 5626
Gan SuSheng 5211
Gan YinBo 5626
Ganapathi, T. R. 6500
Ganapathy, S. 4878
Ganesamurthy, K. 3959
Ganesan, K. 988
Ganeshamurthy, A. N. 3087, 9108
Ganeshananee Ravindran 586
Ganev, S. 6308
Ganga Saran 2
Gangachin, A. A. 7097
Gangadhar, H. S. 3470
Gangawar, U. S. 7219
Gangopadhyay, G. 9042, 9461
Gangrade, S. K. 1843
Ganguly, J. 3395
Ganguly, S. 2958
Gangwar, B. 6076
Gangwar, K. S. 965, 2332, 3471
Gangwar, M. S. 2075, 6729, 7087, 7584
Ganieva, R. 8086
Ganmore-Neumann, R. 4523
Gannaway, J. R. 2577, 2591, 6838
Ganning, G. W. 8761-8762
Gans, W. 8840
Gao, D. M. 6338
Gao, D. Y. 607
Gao, F. Z. 4259
Gao, H. J. 4249
Gao, H. Y. 6790, 8463
Gao, J. G. 3286, 4164
Gao, L. S. 4034
Gao, L. Y. 615
Gao, M. W. 9044
Gao, P. P. 1069, 8301
Gao, Q. L. 8883
Gao, R. F. 2168
Gao, R. Q. 4622, 6369, 6398
Gao, R. S. 3858
Gao, S. T. 607
Gao, X. P. 3878
Gao, Y. D. 3573
Gao, Y. R. 626
Gao, Y. Z. 2868
Gao, Z. 2766
Gao, Z. Q. 76, 6179
Gao DeMing 6338
Gao DeYin 607
Gao FengZhen 4259
Gao HaiYan 8463
Gao HongJia 4249
Gao HuiYuan 6790
Gao JiGuo 3286, 4164
Gao LinYan 615
Gao LiuShen 4034
Gao PingPing 1069, 8301
Gao QingLu 8883
Gao RongFu 2168
Gao RongQi 4622, 6369, 6398
Gao RuSong 3858
Gao ShuTai 607
Gao XuPing 3878
Gao YuDe 3573
Gao YuRen 626
Gao YuZhu 2868
Gao ZhiQiang 76, 6179
Gao Zong 2766
Gaponenko, L. I. 7698
Gapşa, F. 1797
Gara, L. de 4895, 5205, 8787
Garabet, S. 5359
Gárate, A. 3192, 7483
Garcha, A. I. S. 2659, 4350
García, A. 1805
Garcia, A. 3944
García, C. 123, 2852, 3699
Garcia, C. 6331
Garcia, C. E. A. 6827
García, E. 6380
García, E. H. 4093
Garcia, F. V. 240, 254
García, M. 713, 4233
Garcia, R. L. 87-88, 855, 2189, 2788
García Alcantara, A. 9343
García-Baudín, J. M. 4563
García-Casado, G. 1570
Garcia Castañeda, E. A. 5879
García del Moral, L. F. 7175
García-Hernández, M. 1394
García-Luque, I. 1639
García-Martínez, J. L. 5716
García-Torres, L. 1285
Gardeström, P. 1543-1544, 1575, 3703
Gardiner, D. T. 5317
Gardner, C. D. 399, 408
Gardner, P. A. 7895
Gare, B. N. 5116, 8556, 8567
Garello, G. 2615
Garg, B. K. 3072, 7593, 9270
Garg, G. K. 5174
Garg, N. 4888
Garg, O. K. 4388
Garg, S. K. 7254, 9431
Gariepy, Y. 351
Garmashov, V. V. 5313
Garnayak, L. M. 1323
Garner, L. C. 1245, 4210
Garnier, E. 1402
Garrill, A. 6232
Garrity, D. P. 5180
Garrot, D. J., Jr. 9362
Garside, A. 8974
Garside, A. L. 6021, 6065, 6144, 9442
Gartland, K. M. A. 5814
Gärtner, W. 7158
Garusov, A. V. 5161
Garz, J. 863
Gascho, G. J. 3348, 5692, 6875, 7377
Gąsior, J. 3307, 6767
Gąsiorowska, B. 2525
Gaskin, P. 404, 5716
Gaspar, T. 5811, 6752, 8427
Gasparovic, C. 8930
Gass, T. 1911, 2399
Gass, W. 5887
Gassmann, W. 2781
Gastel, A. J. G. van 1440
Gate, P. 7133, 7179
Gates, P. 1307
Gates, R. N. 5448
Gatti, M. 4833
Gaudchau, M. 5091

Gaudêncio, C. de A. 3944
Gaudinová, A. 2486
Gaudio, L. 2873
Gault, R. 4368
Gaunce, A. P. 2111
Gaur, P. C. 9313-9314
Gaurab Gangopadhyay 9461
Gautam, D. S. 8561
Gautam, K. C. 1315
Gautam, K. M. 6174
Gautam, M. 2634
Gautam, R. C. 7376
Gautam, R. K. 5388
Gauvrit, C. 2855
Gavelienė, V. 5412, 6330
Gavi, F. 5298, 8754
Gavrilyuk, F. Ya. 8679
Gawrońska-Kulesza, A. 3785, 4306, 4316
Gay, D. 5645
Gazarian, I. G. 3434
Gaziola, S. A. 3849
Gazizov, F. Yu. 4260
Gazzoni, D. L. 3981
Gbur, E. E. 1667, 1702, 1721
GC, Y. D. 3597, 6249, 7924, 8420
Gdala, J. 9214
Ge, D. K. 4811
Ge, L. L. 7798
Ge, T. M. 2173
Ge, X. R. 7464
Ge, Y. X. 7971
Ge, Z. N. 7674
Ge DaoKuo 4811
Ge LeLing 7798
Ge TaiMing 2173
Ge XiuRong 7464
Ge YaXin 7971
Ge ZhiNan 7674
Gealy, D. R. 2984
Gebre, E. 2516
Gebre, H. 6301
Gebrekidan, H. 9066
Gediga, K. 6107, 6547
Geelen, P. M. T. M. 167, 4582
Geeta Chauhan 8668
Geethalakshmi, V. 7463, 7476, 8302
Gehue, H. 1535
Geier, P. W. 3967
Geigenberger, P. 5833
Geiger, D. R. 734
Geiger, M. 4965, 5833
Geijn, S. C. van de 2702, 5247
Geitmann, A. 1328
Gelderman, R. H. 176
Geletu Bejiga 5782
Gembarzewski, H. 6300, 6897
Gemechu Keneni 3160
Gemel, J. 6644
Gemtos, T. A. 5069
Genchi, G. 1640
Gendy, C. 1035
Genet, R. A. 1910
Genga, A. 6379
Gent, M. P. N. 1915
Genty, B. 760
Georgakis, D. 2546
Georgatsos, J. G. 6328
George, E. 233, 3228
George, E. F. 4458
George, J. 4223
George, S. J. 3434
George, T. 1913
Georgiev, D. 428, 1652, 4846
Georgiev, G. A. 3807
Ger, M. J. 8069
Ger MangJye 8069
Gerard, P. D. 1960
Gerbaud, A. 352
Gerber, W. A. 564
Gerchiu, Ya. P. 8911
Gerdes, G. 4025
Gerendás, J. 8641
Gerik, T. J. 616, 2577
Gerloff, D. C. 5027, 7671
Germany, Fachhochschule Weihenstephan und Versuchsanstalt für Gartenbau Weihenstephan 1431, 8695
Germida, J. J. 6276
Gerrish, C. 6688, 9225, 9228
Gerstenkorn, P. 4521-4522
Gerwing, J. R. 176
Gestelen, P. van 1138
Getachew, T. 3066
Gethe, R. M. 1352, 2656, 8371
Gething, P. A. 9581
Getinet, A. 2020
Getsena, E. S. 7208
Getz, R. R. 5073
Geurts, R. 2096
Gevrek, M. N. 3002
Geweifel, H. G. M. 1894
Geypens, M. 1377
Ghadekar, S. R. 4402, 5686
Ghadge, H. L. 4733, 5183
Ghadiri, H. 5346, 5574
Ghaffar, A. 3935, 5651
Ghaffarzadeh, M. 3477, 9483
Ghahraman, B. 597
Ghanem, E. H. 2773
Ghani, A. 9315
Ghanotakis, D. 5200
Ghasal, P. 977
Ghassemi-Golezani, K. 8941
Ghatak, S. 7460-7461
Ghazi, I. M. 4688
Ghedini, R. 2494, 4918, 8425
Ghelani, L. M. 3428
Ghelani, S. 409
Ghelfi Filho, H. 1674
Gherbin, P. 146, 2599, 4734, 5029, 5033, 6806
Ghersa, C. M. 7009
Ghildiyal, M. C. 8574
Ghimiray, T. S. 8722
Ghimire, S. R. 9333
Ghinassi, G. 1070
Ghinea, L. 763
Ghorbal, M. H. 6686, 8052
Ghorpade, B. S. 5688
Ghose, S. C. 6512
Ghose, T. J. 968
Ghosh, A. K. 8611
Ghosh, B. 298, 1793, 2310, 8166
Ghosh, B. C. 1772, 4677
Ghosh, D. C. 674, 1312, 2743, 2958, 7309, 8753, 9399
Ghosh, P. 3382, 5089
Ghosh, P. C. 7812
Ghosh, P. D. 3717
Ghosh, P. K. 903, 1685, 5801, 7228
Ghosh, P. P. 1943
Ghosh, R. K. 3420, 7456
Ghosh, S. 1826, 6368, 6976, 7467
Ghosh, S. K. 1682
Ghosh, T. K. 3243, 6436, 7381
Ghosheh, H. Z. 4607-4608
Ghoshroy, S. 9509
Ghulam Hussain 6874
Ghulam Murtaza 244
Ghulam Rasul 1022
Ghuman, B. S. 8760
Giamperi, L. 4049
Gianazza, E. 6379
Giancipoli, G. 6222
Giandana, E. H. 5696
Gianinazzi, S. 5728
Giannella, R. 3442
Gianquinto, G. 9326
Giardini, A. 1597-1598
Gibberd, V. 1376
Gibbons, J. T. 2412
Gibon, Y. 5106
Gibson, A. H. 5135
Gibson, C. E. 7197
Gibson, L. R. 3140, 5671
Giddings, T. H., Jr. 690
Giel-Pietraszuk, M. 4136
Gierl, A. 7280, 8928
Gieskes, W. W. C. 5247
Gietl, C. 5918
Gifford, R. M. 6118
Giglioli, N. 2917, 6526
Gigliotti, G. 919, 1619
Gil, R. 7834
Gil Amores, A. 6919
Gilbertson, K. M. 133
Giles, L. 5653
Gilissen, L. J. W. 2646
Gilkes, R. J. 6876
Gill, A. S. 7797
Gill, D. S. 8206
Gill, J. A. 1045
Gill, K. S. 2211, 5961, 7216, 7480, 8721
Gill, M. M. 3986
Gill, M. S. 1559, 9356
Gill, S. S. 4323
Gill, V. 297, 1016
Gillespie, T. J. 7305, 7409
Gilley, A. 8797
Gillham, L. B. 3350
Gillison, T. C. 2509
Gilmore, A. M. 873, 1573, 4414
Gilroy, J. 693, 7518
Gilroy, J. S. 9228
Gilroy, S. 4569, 9548
Giménez, P. 3956
Gines, G. C. 252
Gines, H. C. 240
Ginevskiĭ, N. K. 2704
Ginsburg, S. 2223
Giordani, C. 192
Giordani, G. 4506-4507
Giordano, C. V. 8788
Giordano, I. 1211
Giorgi, I. O. 4655
Giorio, P. 1991
Giovanardi, G. 9326
Giovanardi, R. 4585
Giovannozzi Sermanni, G. 2822
Girgenti, G. 5279
Girguis, N. R. 5693
Giri, A. P. 7560, 9258
Giri, B. K. 5348
Giri, D. G. 5762
Giri, G. 4284, 7735, 8522
Girija, T. 2335
Girish Chandra 7299
Girish Jha 1847
Giroux, M. 8900
Girsch, L. 7402, 7940
Gitte, A. N. 5580
Giunta, F. 28
Giuntoli, A. 3073
Gius, C. 3261, 9278
Giusquiani, P. L. 919, 1619
Gizbullin, N. G. 4908
Gizlice, Z. 2377, 3093
Gjork, I. 718
Gładysiak, S. 9329
Glancey, J. L. 7477
Glas, K. 8633
Glatki-Jošt, M. 2761
Glattkowski, H. 1192
Glawischnig, E. 7280, 8928
Glaz, B. 699, 4349
Głazek, M. 1492
Glazunova, I. V. 7994
Gleeson, S. K. 8195
Glendining, M. J. 6180
Gleriani, J. M. 4859
Glick, B. R. 6976
Glimelius, K. 2625
Glogova, L. 1591
Glória, B. A. da 2049
Glushchenko, L. 9289
Glushenkova, A. I. 3360, 4260
Gnanam, A. 8165
Gniazdowska, A. 1130
Gniazdowska-Skoczek, H. 7194
Goda, Y. 3331
Godara, A. S. 8744, 8852
Goday, A. 4399
Goddard, A. J. H. 4072
Goddard, T. 1535
Godde, D. 9187
Godoy, A. S. 6827
Godoy, I. J. de 8303
Godoy, O. P. 7783
Godoy Avila, S. 5879
Godrej, N. B. 6980
Godshall, M. A. 3461
Godwin, I. D. 3043
Goedert, W. J. 2057
Goel, A. K. 7529
Goenaga, R. 5004
Goethals, K. 6001
Goffman, F. D. 5983
Gogoi, A. K. 4696, 9004
Gogoi, P. K. 1322, 5121, 6626
Gogorcena, Y. 1104, 6701
Goh, C. H. 1122
Goh, M. H. 6573
Goh ChangHyo 1122
Goh MunHwan 6573
Gohain, T. 4654
Gohar, M. N. 5433
Goicoechea, S. M. 2154
Goins, G. D. 8814
Gökmen, S. 2957
Golakiya, B. A. 720, 7945
Golan, G. 8197
Gołaszewski, J. 9273
Gold, M. A. 6157
Goldberg, R. 2552, 8835
Goldman, P. 5014
Goldmark, P. J. 3638
Goldsbrough, P. B. 1033, 3907
Goldsmith, J. G. 3121
Gołębiowska, D. 2799
Golik, S. I. 50
Golinowski, W. 1867
Golov, V. I. 8227
Golovach, A. A. 9493
Golovan', E. V. 1240
Golovina, E. A. 6280, 7017
Golovko, È. A. 22
Golsefidi, H. T. 491
Golubev, I. M. 5215
Golubkina, N. A. 7090
Gomaa, M. R. 339
Gomarasca, M. A. 8018
Gomathinayagam, P. 3959
Gomes, E. R. 6563
Gomes, J. M. 8350
Gomes, V. M. 4871
Gomes da Cunha, A. C. 5092
Gomes e Gama, E. E. 5449
Gómez, C. 963
Gómez, F. 5571
Gómez, L. 2428
Gómez, L. A. 1813
Gómez, L. D. 7116
Gomez, M. 9162
Gómez, N. 4130
Gómez, N. V. 5983
Gómez, S. M. 7263
Gómez López, U. 1263
Gomi, T. 1424
Gomosta, A. R. 293
Gonçalves, J. F. de C. 6528
Gonçalves Ungaro, M. R. 3388
Gonet, E. 2206
Gonet, S. S. 2206
Gong, C. R. 3439, 5992
Gong, D. M. 5169
Gong, M. 6402, 8072
Gong, S. X. 9327
Gong, Y. S. 3544, 3718
Gong ChangRong 3439, 5992
Gong DeMing 5169
Gong Ming 6402, 8072
Gong ShaoXian 9327
Gong YongSheng 3718
Gong YuanShi 3544
Gono, L. T. 3046, 3892
González, A. 423
González, C. 4363
González, C. A. 7116
Gonzalez, E. 4925
González, H. 572
González, J. 6719
Gonzalez, J. L. 3604
González, M. C. 839
González, M. E. 565
González, N. S. 5202
Gonzalez, R. 3197
González, V. 3452
González-Alonso, F. 8877
González-Arnao, M. T. 6066
González-Benito, M. E. 8494
González-Fontes, A. 1046
Gonzalez Iñiguez, R. M. 5385
González-Meler, M. A. 3118
González-Meler, M. A. 9561
González-Moro, B. 7262
González-Murua, C. 7262

González Ponce, R. 3757
Gonzalez Ponce, R. 2847
González Tomé, R. 972
González Vera, C. A. 5985
Gonzini, L. C. 2898
Good, A. 6238
Good, A. G. 2923
Gooding, M. J. 858, 4524, 5339, 7054
Goodlass, G. 5281
Goodman, A. M. 1297, 7710
Goodrich-Tanrikulu, M. 9374
Goomber, R. K. 1828, 1844
Goossens, A. 5754
Gopa Samadder 9421
Gopa Shome 714
Gopal, K. 8248
Gopalachari, N. C. 5991
Gopalakrishna, Y. H. 3369
Gopalan, A. 7699
Gopalaswamy, N. 3384, 8191
Gopinadhan Paliyath 8084
Gora, D. R. 4897
Gorad, C. T. 311
Gorbacheva, A. G. 2906
Gorbatenko, L. 1239
Gorbunov, M. 2260
Gorbunova, N. E. 3955
Gordeev, Yu. A. 7390
Gordejev, Yu. A. 7390
Gordeziani, M. 5466
Gordo Ingelmo, L. F. 1193
Gordon, A. J. 2468, 6701, 7452, 8291
Gordon, D. C. 4576
Gordon, J. C. 4904
Gordon, S. 4449
Gordon, W. B. 178
Gordon-Weeks, R. 1151, 8375
Gore, B. N. 5939
Górecki, R. 4142
Górecki, R. J. 2467, 7588-7589
Gorfu, D. 5736
Gorham, J. 619, 7981
Gorichan, O. I. 1221
Gorissen, A. 7147
Gorlach, E. 3499
Gorno, G. 6880
Górny, A. G. 7949, 7991
Gorodnīĭ, M. M. 509
Gorosito, S. M. 5985
Gorovoĭ, P. G. 5804
Gorshkova, T. A. 8502
Gosal, K. S. 7327
Gosal, S. S. 8607-8608
Goshima, N. 1335
Gospodinov, M. 15
Gossett, D. R. 2592, 5066, 5068
Goswami, J. 976
Goswami, P. K. 1358, 6045-6046
Goswami, R. K. 4997, 5842, 8462
Goswami, S. B. 1939, 4993-4994, 8469
Goswami, S. N. 3813
Goto, E. 2098
Goto, M. 1909, 2972, 6549, 9014, 9084
Goto, S. 727, 2996
Goto, Y. 1706, 1727, 2337, 2961-2962, 3031
Goudreddy, B. S. 595
Goudriaan, J. 779, 5208
Gouia, H. 6686
Gouis, J. le 1464, 7071
Goulas, Y. 874, 2260, 2701
Gould, N. S. 9489
Gout, E. 4187
Gouvêa, C. M. C. P. 8931
Govaerts, R. 8706-8707
Govi, D. 4915
Govil, S. R. 4473
Govinden, N. 8452
Govindjee 873, 1385, 1573, 6367
Gowda, A. 1055, 3470
Gowda, A. B. 4762
Gowda, B. 4735, 6523
Gowda, B. K. L. 1041
Gowda, D. S. M. 323, 5084, 5607, 8229
Gowda, M. C. 351, 444
Gowda, R. C. 4600
Gowda, S. J. 4735, 5226, 6523
Goyal, R. K. 5981
Goydani, B. M. 4481
Goyi, T. T. 2279
Goyne, P. J. 145
Grabau, E. A. 4043
Grabau, L. J. 9100-9102, 9136
Grabber, J. H. 3768
Grabiński, J. 1489
Grabov, A. 4067, 6997, 8640
Grabska, J. 4312-4313, 6895
Grace, D. J. 6062
Grácová, G. 3504
Gradziuk, P. 4327
Graebe, J. E. 7114
Grafton, K. F. 6684
Graham, M. Y. 1067
Graham, P. H. 1084, 4855, 9218
Graham, R. D. 834, 3706, 4498, 8545
Graham, T. L. 1067
Gralak, M. A. 1542
Grambow, H. J. 3653, 7951
Granados, G. 2908
Grandmougin-Ferjani, A. 3769
Grando, S. 7188
Granell, A. 4054
Grant, C. A. 121, 5926
Grant, D. 8292
Grant, R. F. 7190
Grant, R. H. 8671
Grant, W. M. 386
Grantz, D. A. 4264, 5057, 5070, 7681
Gras, P. W. 2187, 6268
Grashoff, C. 4567, 7200
Grassi, G. 1211
Graterol, Y. E. 5620
Grath, T. 9200
Gratzer, B. 934
Grau, D. 969
Graves, J. D. 7148
Gravois, K. A. 1677, 1693, 4692, 4699, 4724
Gray, D. A. 8531
Gray, G. R. 1529, 3669, 7167
Graybosch, R. A. 35-36
Grayer, R. J. 3837
Grayson, R. L. 6657
Graziana, A. 3503
Graziano, P. L. 4595
Green, A. H. S. 4894
Green, C. D. 1157
Green, H. M. 6578
Green, M. 1535
Greenberg, B. M. 2629, 6368
Greenfield, P. L. 8605
Greengauz, O. K. 8349
Greenland, D. J. 7055
Greenough, D. 4228
Greenway, H. 467, 7989
Greenwood, D. J. 4962
Greer, K. 2678
Greer, K. J. 1310, 4311
Greggains, V. 1392
Grego, S. 2245, 5190, 8913
Gregoire, P. A. 6113
Gregorčič, A. 1463
Gregorczyk, A. 3409
Gregorich, E. G. 6359
Gregorová, H. 3474
Gregory, E. J. 1922
Gregory, P. J. 7823, 7884
Greiner, S. 685
Grela, E. R. 9279
Grenier, G. 8631
Greppin, H. 1798, 6003
Gretzmacher, R. 6595
Grewal, H. S. 4498, 8545
Grewal, J. S. 8443, 9305
Grewal, K. S. 8747
Grewal, R. B. 6762
Grey, W. E. 8850
Grgić, D. 7091
Grichar, W. J. 377, 1768
Gridley, H. E. 3214
Gridnev, V. V. 1222
Griengl, H. 3509, 4398
Grieve, T. M. 5814
Grif, V. G. 3641, 6256
Griffey, C. A. 37, 135-137
Griffin, J. L. 702, 2039, 6579, 7419
Griffin, K. L. 1419, 6118
Griffin, T. S. 4975
Griffith, D. R. 158-159
Griffith, M. 5219, 7165
Griffiths, D. W. 3203, 9332
Griffiths, G. 651, 1298
Grifoni, D. 4857
Grigg, B. C. 1702
Griggs, D. 5413
Grignetti, A. 7027
Grignon, C. 4128, 4309, 8673
Grignon, N. 7440
Grigolo, U. 2506, 2526
Grigor'ev, A. A. 2556, 9495
Grigor'ev, V. G. 4929
Grigorjev, A. A. 9495
Grimal, H. 7761
Grimal, J. Y. 4613
Grimes, H. D. 9135
Grimm, B. 3707, 7193
Grimm, S. S. 5660
Grindlay, D. J. C. 7003
Grip, H. 8910
Gristina, L. 2406, 4463, 5085
Groarke, D. A. 941
Gröblinghoff, F. F. 3476
Grochowicz, M. 664, 666, 4303, 7716-7717
Grodzinski, B. 2408
Groen, M. W. 4073, 4843
Groeneveld, H. T. 188
Groenwold, J. 6352
Gröger, W. 3767
Grolig, F. 4704
Gromosova, E. 8951
Gromová, Z. 3487
Groote, H. de 3541
Grooth, B. D. de 961
Grosdenis, F. 9224
Gross, D. 7015
Gross, L. J. 5654
Grossi, N. 4921
Grossman, S. 87-88
Grossmann, K. 2780
Grosso, L. E. 197
Grosso, N. R. 5696-5697
Groten, J. A. M. 4591, 7253
Groth, D. E. 6462
Grotjohann, N. 9191
Grouzis, J. P. 2257
Grove, J. H. 8889
Grover, A. 9038
Grover, I. S. 9238
Groves, S. J. 499
Grubben, G. J. H. 7887
Gruchuła, L. 3657
Gruelich, F. 559
Grusak, M. A. 1108, 1139
Gruszecki, W. I. 8581
Grüters, U. 8833
Gruver, M. 5467
Grylls, J. P. 5284
Grzesiak, S. 4146-4147
Gschiel, C. 182
Gu, C. Y. 626
Gu, D. F. 4722
Gu, D. L. 607
Gu, Q. R. 4716
Gu, X. W. 3573
Gu, Y. 70
Gu, Y. J. 2868, 8012
Gu, Y. Q. 576
Gu, Z. L. 3598
Gu ChunYan 626
Gu DaLong 607
Gu DeFa 4722
Gu QiRong 4716
Gu XiangWu 3573
Gu Yiqun 576
Gu YunJie 2868, 8012
Gu ZhongLiang 3598
Guan, L. M. 8593
Guan, L. Q. 7334
Guan, Y. X. 6391
Guan LiQin 7334
Guan YiXin 6391
Guarda, G. 2506, 2526, 9307
Guba, I. 6287
Gubbels, G. H. 1977
Guberac, V. 2846, 3690
Gubler, F. 4570
Guckert, A. 4632, 9264
Güclü, J. 8582
Gudmestad, N. C. 4955
Guedes, A. R. 8513
Guedes, J. V. C. 3215
Guedes, M. E. 5700
Guéguen, J. 5721
Gueguen, J. 6642-6643
Guenter, W. 1796
Guergué, A. 5480
Guérif, J. 1206
Guerin, J. 6325
Guerinot, M. L. 1758
Guermandi, M. 4506-4507
Guern, J. 1332, 6002, 8582
Guerra, H. 3256-3257, 5785
Guerreiro Neto, G. 4844
Guertal, E. A. 3348, 5841, 6787
Guertin, S. P. 8093
Guevara, M. A. 708
Guevara, P. 5456
Gugari, A. K. 595
Guggari, A. K. 3412
Guglielminetti, L. 83, 3928, 4754
Guh, J. O. 284-285, 5646, 9006, 9009-9010
Guh JaOck 5646
Guha, B. 812, 8541
Guiard, V. 8685
Guice, B. 5028
Guice, J. B. 3975
Guidi, L. 3204, 3523, 4101, 9386, 9394
Guidoboni, G. 7806
Guiducci, M. 660
Guikema, J. A. 3143
Guilioni, L. 8340
Guillemette, R. J. D. 3097-3098, 3100-3102, 9113-9114, 9139
Guillot-Salomon, T. 2939
Guimarães, C. M. 4095
Guimarães, H. M. A. 6425
Guinel, F. C. 2413
Guiraud, D. 1194
Guissé, B. 1933
Gul Hassan 6874
Gulati, A. 2447
Gulati, S. L. 6534
Guldan, S. J. 4890
Güleryüz, H. 3347, 5031
Gulewicz, K. 3262, 3578, 4136
Gullino, M. L. 2824
Gültekin, I. 6186, 6548
Gulyaev, B. I. 484
Gulyaev, V. I. 4381
Gulzar Ahmad 5
Gumaste, S. 8046, 8192
Gumaste, S. K. 1371, 8419
Gunar, L. E. 7505
Gunasekaran, S. 1023
Gunatilaka, M. K. 6657
Gundalia, J. D. 7982
Güneş, A. 2819
Günes, K. 7366
Gunnarstorp, T. 2199
Gunning, B. E. S. 4340
Gunsé, B. 4617
Gunsolus, J. L. 6365, 9115
Günter, K. D. 9279
Günther, I. 7622
Guo, A. G. 3632
Guo, B. L. 3364
Guo, C. 4244
Guo, F. Y. 9434
Guo, H. A. 151
Guo, H. J. 6845
Guo, J. C. 6452, 8136-8137
Guo, J. L. 6364, 6393, 8019
Guo, J. Z. 9434
Guo, L. 1422
Guo, L. W. 4499
Guo, M. L. 4283
Guo, Q. 6364
Guo, S. C. 2748

Guo, S. J. 6585
Guo, X. D. 4998
Guo, X. J. 4249
Guo, X. P. 3355
Guo, Y. 3228
Guo, Y. L. 6641, 6641
Guo, Y. Q. 684
Guo, Y. S. 6467
Guo, Z. B. 6600, 8262
Guo, Z. F. 413, 3191
Guo, Z. H. 9092
Guo, Z. Z. 1500
Guo AiGuang 3632
Guo BaiLin 3364
Guo FangYang 9434
Guo HaiAo 151
Guo HaiJun 6845
Guo JiaCheng 6452, 8136-8137
Guo JingLun 6364, 6393, 8019
Guo JunZheng 9434
Guo Liang 1422
Guo LianWang 4499
Guo MeiLi 4283
Guo Qiang 6364
Guo ShiChang 2748
Guo ShiJian 6585
Guo XianJie 4249
Guo XiaoDing 4998
Guo XiaoPing 3355
Guo YanLin 6641
Guo YongSheng 6467
Guo YueQing 684
Guo ZhenFei 413, 3191
Guo ZhenZong 1500
Guo ZhiHua 9092
Guo ZiBiao 6600, 8262
Guoping, Z. 6248
Gupta, A. 2404
Gupta, A. K. 7222
Gupta, A. P. 3445
Gupta, D. K. D. 9047
Gupta, G. P. 2585
Gupta, I. C. 3072
Gupta, J. D. 4057
Gupta, J. P. 9422
Gupta, K. P. 9183
Gupta, M. L. 2038, 2668, 8448, 9403
Gupta, N. K. 2162
Gupta, O. 440
Gupta, P. K. 504
Gupta, R. 5982, 7734, 9464
Gupta, R. B. 838
Gupta, R. C. 2009
Gupta, R. K. 1188, 3937, 6558, 7909
Gupta, S. 1011, 1713, 9042, 9461
Gupta, S. C. 1165, 3056, 3058-3059, 3239, 4889, 6351, 7578, 7583, 7592, 8563, 9422
Gupta, S. D. 1772, 7596
Gupta, S. K. 2288, 3425, 4322, 5130, 6385, 6905, 6915, 8111
Gupta, S. P. 726
Gupta, T. R. 9403-9404
Gupta, U. C. 5461
Gupta, V. K. 726, 2749, 9415
Gupta, V. P. 4119
Gupta, V. R. 6724
Gurdial Singh 673
Gurjanov, O. P. 1795
Gurmeet Singh 7119
Gurmit Singh 4413, 8442
Gurney, A. L. 7367
Gurung, G. B. 6358, 6961
Gurung, T. B. 5522, 6170, 6249, 7924, 9333
Guruprasad, K. N. 7444
Gururaj Hunsigi 5924
Guş, P. 9488
Gus, P. 8904
Gusakova, S. D. 3360
Gushchina, E. O. 5821
Gusmão, L. 3694
Gustafson, J. P. 5322, 5609
Gutiérrez, A. 8246
Gutiérrez, W. 9118
Gutierrez Boem, F. H. 672, 8550
Gutiérrez-Mellado, M. C. 1288, 8533
Gutierrez-Mellado, M. C. 4289-4290
Gutiérrez-Zamorano, F. J. 5876
Gutmański, I. 4919
Guttieri, M. J. 527
Guu, J. W. 4081
Guu JimWen 4081
Güvenç, İ. 2423
Guy, C. B. 2985
Guy, S. 9150
Guy, S. O. 9398
Guyana, National Agricultural Research Institute 8696-8697
Guyot, G. 2701
Guyotte, K. 7660
Guzmán, C. A. 5696-5697
Gwathmey, C. O. 3344
Gworek, B. 8230
Gwóźdź, E. A. 3260
Gyanendra Singh 1061
Gyulai, G. 1892
Gyurova, È. S. 2360
Ha, K. S. 2397
Ha, Y. W. 98-99, 128, 5309, 5397
Ha KeonSoo 2397
Ha YongWoong 98-99, 128, 5309, 5397
Haahr, V. 5959
Haak, E. 4378
Haake, V. 4965
Haas, G. 9096
Haase, N. U. 7644
Habash, D. 6110
Habeeburrahman, P. V. 1030
Haberland, R. 1874
Habermeyer, H. 7623
Habib, I. 8832
Habib, M. 9315
Habib Akbar 6343
Hachiya, A. 2023
Hacke E., E. 26
Hackett, C. A. 206
Hada, K. 7296
Hadačová, V. 3305
Hadar, Y. 2861
Haddad, N. I. 1854
Häder, D. P. 5241
Hadid, A. F. A. 1140
Hadjiantoniou, D. 1192, 1203
Hadjisavva-Zinoviadi, S. 5517
Hadvani, G. J. 8204
Hae, Y. J. 2007
Hae YealJean 2007
Haesaert, G. J. W. 7170
Hafez, M. 1804
Hafi, A. 4449
Haga, K. 6650
Häge, H. 7624
Hagedorn, E. 863
Hageman, L. H. 8047
Hager, A. 2919
Hagima, I. 7970
Hagisawa, Y. 8154
Hagman, J. L. 5819
Hague, S. S. 6838
Hahm, Y. I. 4204-4205, 6785
Hahm YoungIl 4204-4205, 6785
Hahn, B. H. 521
Hahn, M. G. 958
Hahn, S. K. 591
Hahn, T. R. 2696, 6645
Hahn ByeongHee 521
Hahn TaeRyong 2696, 6645
Hahne, G. Ü. 5954
Haidar, M. A. 1218
Haider, J. 340, 3198, 7316
Hailu Gebre 6301
Hairiah, K. 8324
Hajabbasi, M. A. 491
Hajji, M. 4128
Hakala, K. 4424
Håkansson, S. 9479-9480
Hake, K. 5036, 5899
Hake, S. 7287
Hakim, A. 1620
Hakkert, J. C. 2646
Hakuzan, R. 6532
Halásová, M. 757
Halavatau, S. 4212
Halberg, N. 6130
Haldar, J. 3244, 7930
Haldar, M. 6708
Haldimann, M. 2806
Haldimann, P. 1653
Haley, S. D. 36
Halford, D. A. 1969
Halford, N. G. 2866, 6322, 7050
Halima Hassen 4065
Halkier, B. A. 1320
Hall, A. J. 3393, 5097
Hall, G. F. 3804, 8947
Hall, J. A. 6976
Hall, J. L. 639, 788, 9375
Hall, M. A. 1113, 1135, 1442, 4050
Hall, R. D. 3289, 4170
Hallberg, R. L. 2262
Hallett, S. G. 7426
Hallgren, E. 44-45, 762
Hallmans, G. 7996
Halloran, G. M. 2849, 6329, 8013
Hallová, E. 3504
Halls, T. D. J. 7025
Halperin, S. J. 4575
Halpern, S. 7440
Halvankar, G. B. 5622, 8232-8233
Halvorson, A. D. 1462
Halvorson, M. A. 3099
Ham, M. van der 6541
Hamachi, Y. 3834
Hamad Saeed 6343
Hamada, A. M. 2183
Hamada, J. S. 3993
Hamada, Y. 3220, 3817, 3854, 8990
Hamadina, M. K. 1590
Hamasaki, T. 2699
Hamayun Khan 680
Hamberg, M. 1000, 8058
Hamdan Pane 7333
Hamdollahzadeh, A. 511
Hamdy, A. 6173, 6269
Hamed, A. A. 2267, 2474-2475
Hamelryck, T. W. 4092, 5754
Hamer, P. J. C. 8424
Hamid, A. 3235
Hamid, F. 1907
Hamid, N. 1022
Hamid Rashid 2463
Hamilton, R. I. 2944, 7221, 8085
Hamilton, S. D. 6734
Hamm, P. B. 547
Hammel, J. E. 6166
Hammer, G. L. 145, 1774, 2330, 2342, 5950, 9179
Hammer, K. 6553, 7150
Hammer, M. F. 4047
Hammer, R. D. 6609
Hammes, P. S. 1097, 4096
Hammock, B. D. 4074
Hammond, J. J. 7016
Hammond, L. 723
Hammond, R. B. 3761, 3982
Hamouda, A. M. 5365
Hamouz, K. 3300
Hampp, R. 1336, 9435
Hampton, J. G. 1440, 2731, 4042
Hamrouni, H. 6173
Han, B. 4276
Han, B. W. 2168
Han, C. S. 6007
Han, G. Q. 7674
Han, H. Z. 3861
Han, J. F. 6935
Han, J. M. 5331
Han, L. M. 5670
Han, S. J. 2229, 7674
Han, S. L. 2739
Han, T. F. 4005, 4007
Han, X. G. 8242
Han, Y. H. 345, 7447
Han, Y. J. 6852
Han, Y. Z. 8800
Han Bin 4276
Han BiWen 2168
Han ChulSoo 6007
Han GuangQin 7674
Han HuiZhen 3861
Han JianMin 5331
Han JinFeng 6935
Han LiMei 5670
Han SangJun 2229
Han ShiJie 7674
Han ShouLiang 2739
Han TianFu 4005, 4007
Han YongHua 7447
Han YoungHee 345
Han YuZhen 8800
Hanáčková, E. 3504
Hanada, T. 8672
Hanaki, M. 2990
Hanaoka, N. 3869
Hanay, A. 3481
Hancock, H. G. 6578
Handa, A. K. 3216
Handayanto, E. 2235
Handel, C. L. 6285
Handley, L. L. 4576
Handro, W. 3332
Haneklaus, S. 2101, 4483
Hang, A. 523
Hang, J. L. 5650
Hang, Y. Z. 6447
Hang JianLong 5650
Hang YunZhu 6447
Hangyel, L. 3374
Haniš, M. 828
Hanišová, A. 828
Hankamer, B. 9505, 9508
Hanke, D. E. 2222, 2394, 8266
Hanke, G. T. 5217
Hanna, N. S. 2773, 4488
Hanna, W. W. 7377
Hannah, L. C. 1642
Hannapel, D. J. 4977
Hansaker, D. J. 855
Hansen, A. P. 1098
Hansen, E. M. 2845, 3475
Hansen, J. 5878
Hansen, L. D. 1634
Hansen, N. C. 1387
Hansen, R. W. 6061
Hanson, G. E. 4605
Hansson, A. C. 877
Hanuman Ram 4107
Hanuman Singh 8416
Hanus, H. 7712
Hanyu, H. 4094
Hanzawa, S. 3587
Hanzelík, F. 4623
Hao, H. F. 6925
Hao, S. C. 851, 8361
Hao SiCheng 851, 8361
Háp, I. 4555
Haque, F. 4661
Haque, H. 8080
Haque, S. A. 1657
Haque, S. Q. 4875
Hara, S. 4089
Harada, I. 8676
Harada, J. 2323, 6103
Harada, K. 2160, 2796
Haraga, M. 3724
Haraldsen, T. K. 7183
Haramaty, E. 7500
Harapiak, J. T. 6164
Haravade, K. M. 8973
Harbans Singh 6905, 7100
Harbinson, J. 8083
Harbir Singh 2611, 3394
Harborne, J. B. 2694, 3837
Hardarson, G. 3151
Harden, J. 5028
Harden, T. J. 7079
Hardie, D. G. 2866, 7005
Hardip Singh 673
Hardy, A. 4134
Hardy, B. 2730
Hare, J. M. 145
Hare, P. D. 8645
Hareland, G. A. 1536, 5310
Haren, R. J. F. van 542
Hargreaves, K. J. 1518
Hari Om 8983
Harinasut, P. 895, 1019

Hariprakash, C. S. 5005
Harker, K. S. 5073
Härkönen, H. 7996
Harm, S. S. 5617
Harm SooSang 5617
Harmancová, D. 2679
Harmon, A. C. 7270, 7435
Harms, H. 1078
Harnos, N. 2826, 7146
Haro, A. de 5988
Haro, E. S. 7129
Haroon-ur-Rasheed, M. 6171
Harper, J. D. I. 5340
Harper, J. E. 1761, 5677, 7454
Harper, J. F. 4068
Harper, L. 2926
Harpham, N. V. J. 1113, 1135, 1442
Harren, F. J. M. 7307
Harriman, R. W. 1643
Harris, D. 6524
Harris, D. J. 4135
Harris, H. 2127, 2664
Harris, H. C. 455, 6178
Harris, H. D. 2652, 6069
Harris, N. 1307, 5413
Harris, P. J. 3049
Harris, P. M. 497
Harrison, H. C. 1139
Harrison, P. A. 2130, 4386
Harrison, R. 6073
Harrison, R. B. 729
Harrison, S. K. 2887
Harsh Kumar 9198
Harsono, R. 7339
Harsulkar, A. M. 9258
Hart, G. L. 6813
Hart, W. E. 5049, 6804
Hartemink, A. E. 3455
Hartfield, M. N. 2703
Hartmann, A. 2469, 5250, 9162
Hartmann, J. 2489
Hartmann, M. A. 3769
Hartung, W. 934, 2600, 4275, 8063
Hartunian-Sowa, S. M. 7126
Hartwell, J. 398
Hartwig, U. A. 1818-1819, 3205, 5656
Harutyunyan, E. H. 1865
Harvey, B. M. R. 3325
Harvey, L. H. 594
Harvey, R. G. 3812, 8047-8048, 8237
Harville, B. G. 6555
Harwood, J. L. 2913, 2922, 6267
Haryanto, T. A. D. 7378, 8203
Harzic, N. 1184
Hasabnis, A. B. 1352, 2656, 4347, 6040
Hasani, H. S. 5356-5357
Hasanzadeh, A. 5761
Hasegawa, K. 2644, 3687, 6114, 6692
Hasegawa, O. 7676
Hasegawa, P. M. 2029, 2382, 2640, 7754
Hasegawa, T. 291, 995, 3013, 3016
Hasenstein, K. H. 6395, 8935
Hasezawa, S. 688, 6938
Hashem, F. M. 4787, 8323
Hashimoto, K. 3103-3104
Hashimoto, M. 4850
Hashimoto, T. 9194
Hashimoto, Y. 1048, 2384
Hasija, S. K. 2401
Haskett, J. D. 6611
Hassan, A. 2349
Hassan, G. 6874
Hassan, M. A. 1576
Hassanein, M. S. 1802, 3730, 5433, 5630
Hasselt, P. R. van 81, 3196, 6272
Hassen, H. 4065
Hassidim, M. 2409
Hassine, H. B. 6173
Hassinger, T. 8866
Hasslacher, M. 3509
Hasure, R. R. 5940
Hatakeyama, S. 2354
Hatakeyama, T. 2315
Hatano, R. 49
Hatch, M. D. 4614, 7379
Hatchett, J. H. 35-36
Hatfield, J. L. 1856
Hatfield, L. D. 1623
Hatipoğlu, F. 2819
Hattalli, S. R. 5345
Hatton, J. L. 9491
Hatton, P. J. 2911
Hattori, K. 4113, 5766
Hattori, M. 3587
Hattori, S. 3584
Hatzios, K. K. 2986
Hauf, G. 9142
Haug, A. 3436, 5151
Haug, T. 3188
Haugen, L. E. 1566
Haumann, M. 7481
Haung, H. J. 8310
Haung HuiJiuan 8310
Haunold, E. 3843, 6236
Hause, B. 3410
Hause, G. 3410
Hauser, M. 392
Hausler, P. 9235, 9485
Häusler, R. E. 2857, 2864
Havanagi, G. V. 5604
Havaux, M. 1225, 2549, 5402
Haverkort, A. J. 2544-2545, 5912, 6760
Havlin, J. L. 177, 722, 8898
Hawes, C. 2089
Hawes, C. R. 8065
Hawk, C. A. 5883
Hawkes, J. 1239
Hawkes, T. R. 8008
Hawkesford, M. J. 63, 7946
Hawkins, H. J. 4202
Haxeltine, A. 3500
Hay, A. J. 7126
Hayakawa, T. 2309, 2996, 7118
Hayamichi, Y. 6059
Hayasaka, M. 4163, 4176
Hayashi, K. 4089, 8110
Hayashi, M. 3817, 3854, 8990
Hayashi, T. 2699, 5715, 7489, 7676, 8333
Hayashi, Y. 6093
Hayasi, S. 2714
Hayat, S. 2459, 4882
Hayes, M. J. 962
Hayes, P. M. 7201
Hayes, R. 4440
Hayes, R. E. 6680-6683
Hayes, R. M. 3344, 4253
Hayhoe, H. N. 160, 5427
Haynes, R. J. 7112
Hays, C. J. 7302
Hazarika, U. K. 2389, 4802
Hazlett, T. L. 873, 1573
Hazra, J. N. 5443
Hazra, S. 8492
He, C. J. 1656, 3803
He, C. L. 7308
He, D. 992, 5654
He, D. X. 3070
He, D. Y. 981, 3686
He, F. Y. 3005
He, J. X. 4041, 6111
He, M. R. 4501, 5276, 6235
He, M. Y. 8162
He, P. 683, 2816
He, Q. J. 8600
He, S. L. 4788-4789
He, X. P. 8474
He, X. Y. 4718
He, Y. 3131, 8114
He, Y. H. 162
He, Y. L. 5675
He, Y. Z. 5636
He, Z. C. 6477
He, Z. H. 8269
He, Z. P. 9350
He ChuanJiu 1656, 3803
He ChunLing 7308
He DaoYao 3686
He DianYuan 981
He DongXiang 3070
He FangYe 3005
He JunXian 4041, 6111
He MeiYing 8162
He MingRong 4501, 5276, 6235
He Ping 683, 2816, 4333, 4333
He QiJun 8600
He ShouLin 4788-4789
He XiuYing 4718
He XuPing 8474
He YangLing 5675
He Yong 3131, 8114
He YongZhi 5636
He YunHai 162
He ZhiChang 6477
He ZhiHong 8269
He ZhongPei 9350
Heagle, A. S. 4018
Heaney, D. 1535
Heaney, R. K. 3427
Heap, M. 5823
Heath, M. C. 1299, 9471
Heath, R. R. 1266
Heathcote, D. 105
Heatherly, L. G. 5267
Heavner, D. 5643
Hebblethwaite, P. D. 4839
Heber, U. 392, 2918
Hébert, Y. 6346
Heckathorn, S. A. 2262
Heckenberger, U. 1289
Hedden, P. 404, 1111, 5716
Hedegaard, M. 8704
Hedges, B. R. 5625
Hedges, K. 2029
Hedin, P. A. 6847
Hedley, C. L. 460, 4142
Hedrich, R. 3199
Heenan, D. P. 4365, 4468
Heeraman, D. A. 8366
Heerden, J. M. van 865
Hégarat-Mascle, S. le 7031
Hegazi, H. H. 1123
Hegazy, M. N. A. 3746
Hegde, B. R. 5604
Hegde, D. M. 982, 1728
Hegney, M. A. 4948
Heidekamp, F. 876
Heidstra, R. 5744
Heijdt, L. M. van der 2381
Heikel, M. A. 1599
Heilbronn, T. D. 4983
Heimovaara-Dijkstra, S. 889
Heineke, D. 553, 692
Heineman, A. M. 8021
Heinemann, O. 7682
Heiniger, R. W. 1037, 3053, 5590-5593, 9475
Heinonen-Tanski, H. 7686
Heinrich, G. 4398, 5810
Heins, L. 7018
Heinze, M. 5951
Heise, K. P. 7136
Heisel, F. 7753
Heitholt, J. J. 6817
Hejgaard, J. 6324
Hejnowicz, Z. 9392
Hekstra, A. 7808, 7824, 7850, 9490
Hekstra, R. A. 7808
Helal, H. M. 1657
Helbert, J. 844
Heldt, H. W. 553
Helkiah, J. 5690
Hell, R. 7828
Hellenäs, K. E. 1895
Hellín, E. 1776, 9192
Helm, J. H. 130-132
Helms, R. S. 1662, 1665-1666, 1668, 1693
Helms, T. C. 3099, 6113
Helmy, Y. I. 7508
Helsper, J. P. F. G. 7726
Helvig, C. 2779
Hemantaranjan, A. 4387-4388
Hemp, S. 8358
Hemsley, R. J. 1113
Henderson, J. 8065
Hendrey, G. R. 7149
Hendriks, J. H. M. 363
Hendrix, D. L. 855
Hendrix, K. W. 211, 8075
Hendry, G. A. F. 349, 1392, 1399
Hendry, R. J. 7855
Henke, A. 1565
Henneberry, T. J. 4256, 5054
Hennebert, P. A. 769
Henneke, K. 3273
Hennessy, K. J. 2715
Hennigen, J. 8358
Henning, A. A. 5682, 8216, 8297
Henric, J. F. 7152
Henriksen, A. 6324
Henriksen, G. H. 1126
Henrot, J. 1590
Henry, C. L. 729
Henry, P. C. 5489
Henry, R. J. 2126, 7197
Henry, Y. 5342
Hensel, D. R. 520
Henselová, M. 1596, 4157
Henshaw, G. G. 1248, 1941
Hensleigh, P. F. 133
Henzell, R. G. 2732, 3040-3041
Heo, H. Y. 98-99
Heo, N. K. 344, 2397
Heo HwaYoung 98-99
Heo NamKee 344, 2397
Hepler, P. K. 6917
Hera, C. 7082, 7923
Herba Polonica 7049
Herberle-Bors, E. 687
Herbert, D. 2913, 2922
Herbst, M. 2924
Heredia Zárate, N. A. 5856
Herger, P. 3843, 6236
Hergert, G. W. 722, 3745
Herlina, N. 4766
Hermann, O. 4907
Hermes, C. 2381
Hermsen, W. L. J. M. 7151
Hernaiz, P. J. 1803
Hernández, A. 231, 358
Hernández, A. N. 231, 358
Hernández, C. 7414
Hernández, C. J. 5756
Hernández, G. 1805, 1813, 2428, 6673
Hernández, J. A. 6649
Hernández, L. E. 3192, 3805, 7483, 9188
Hernandez, L. E. 408
Hernández, T. 123, 307, 2655, 2852, 3699, 4127, 6331
Hernández, W. C. 280
Hernández, Y. 8949
Hernández-Jasso, A. 5876
Hernani, L. C. 2056
Hérouart, D. 7757
Herrán Jaramillo, Y. L. 1028
Herren, T. 3625
Herrera, R. 3423
Herrera, W. 1711
Herrera, W. T. 5180
Herrera Gutiérrez, O. A. 1028
Herrera Isla, L. 9331
Herrera L., M. L. 1427
Herrero, E. 1816
Herrero, J. 2707
Herrick, K. 7338
Herrman, T. J. 2557
Herrmann, R. G. 1182, 5724
Herrmann, S. 4446
Hertog, J. den 6118
Hertstein, U. 4536
Hervas, D. 8782
Hesketh, J. D. 2396, 2695
Heslop-Harrison, J. 5332
Heslop-Harrison, J. S. 5332
Heslop-Harrison, Y. 5332
Hess, J. R. 2171, 7120
Hesse, M. 2084
Hessel, A. 1896
Heszky, L. E. 271
Hetherington, A. M. 6998
Hetman, J. 1595
Hetschkun, H. M. 5812
Hettema Zonen Kweekbedrijf 1214-1215
Heu, H. 3988
Heu, H. Y. 5309

Heu Hoon 3988
Heu HwaYoung 5309
Heuer, B. 3051
Heulin, T. 5250
Heusser, J. 502
Hevia, F. 4342
Hewstone M., C. 3611-3613
Hey, S. J. 6651
Heydrich, M. 231
Heyland, K. U. 9364
Heym, J. 1389
Heyn, J. 2787
Hibberd, J. M. 898-899
Hick, P. T. 93
Hickel, A. 3509, 4398
Hickey, J. A. 605
Hickey, M. 5887
Hicks, D. R. 8890
Hida, Y. 4008
Hidaka, M. 9339
Hidaka, S. 7346
Hide, G. A. 548, 4931, 7051
Hideg, É. 1191
Hidema, J. 1025, 3885
Hider, R. C. 835
Hiernaux, P. 5233
Higaki, N. 8152
Higashi, T. 6463-6464
Higashiyama, T. 688
Higginbotham, L. 6835
Higuchi, T. 8584
Hilaire, A. 2169, 8893
Hilaire, E. 3143
Hildebrand, D. F. 9136
Hileman, D. R. 1943
Hilfiker, T. 4469
Hilger, T. H. 5006
Hilhorst, T. 3541
Hill, D. R. 6657
Hill, G. D. 451, 2422, 5789, 9233
Hill, L. M. 1228
Hill, M. J. 4042
Hill, R. D. 8009
Hill, S. 1924
Hiller, L. K. 2528
Hills, M. J. 668
Hilpert, A. 5087
Himken, M. 7791
Hinder, B. 2223
Hine, K. T. 1632
Hines, T. E. 529, 1220
Hinkkanen, R. 2677, 8578
Hinojosa, O. 1958, 5047, 6841, 6843, 7665
Hinsinger, P. 6876
Hinz, G. 4056
Hinz, P. N. 8091
Hioki, M. 3825
Hirai, G. 1013
Hirai, N. 6115
Hirai, T. 7192
Hirai, Y. 4408
Hiraiwa, K. 3871
Hiramatsu, M. 8119
Hirano, H. 1004, 8590
Hirano, M. 1687, 2983, 8151, 8998
Hirano, S. 7344, 9023
Hirano, T. 994
Hirao, K. 4108, 6469, 6481
Hirasawa, E. 4821
Hirasawa, T. 3838, 4008, 4828
Hirata, A. 2644
Hirata, H. 8176
Hirel, B. 8586
Hiremath, S. M. 986, 5943, 8102, 8614, 8617
Hirosawa, T. 295
Hirota, H. 217
Hirota, O. 7526, 8380
Hirt, H. 4397
His, I. 9368
Hisamatsu, M. 587
Hiser, C. 554
Hishinuma, K. 7952
Hishiyama, S. 8583
Hita, O. 5785
Hitimana, L. 1582
Hiwase, S. S. 8435
Hiyane, S. 3464, 3863
Hledík, P. 1875
Hlušek, J. 8455
Ho, S. S. 9520
Ho, T. H. D. 891
Ho ShinShen 9520
Hoarau, J. 2914
Hobson, R. N. 2619
Hockett, E. A. 133, 6225
Hocking, D. 8101
Hocking, P. 8543
Hocking, P. J. 5105, 5135, 7895
Hocking, T. J. 5809
Hodges, D. M. 2944, 8085
Hodges, H. F. 3343, 3356, 3366, 5059, 5071, 5908, 7680
Hodges, S. 5887
Hodges, T. 2552
Hoefnagel, M. H. N. 1068, 1244, 8256
Hoeft, R. G. 2898
Hoekstra, F. A. 931, 6280, 7017
Hoeven, P. C. J. van der 1538
Hofbauer, J. 8519
Hoffmann, B. 3759, 4704
Hoffmann, C. 1205, 2484
Hoffmann, E. 1336, 9435
Höflich, G. 232, 2469, 5987
Hofman, T. B. 2884
Höfner, W. 109, 4636
Hogarth, D. M. 6144
Högberg, P. 2883
Høgh-Jensen, H. 3564, 7111
Högy, P. 8833
Hohl, I. 4056
Hohloch, C. 4104
Hojčuš, R. 2797
Højsgaard, S. 4444
Holanda, J. S. 1674
Holappa, L. D. 7963
Holbrook, L. 7840
Holdaway-Clarke, T. L. 223
Hole, C. C. 579
Hole, D. 7120
Holford, I. C. R. 5266
Holík, J. 5146
Holl, F. B. 7524
Holland, M. G. 1135
Holland, N. 8587
Hollinderbäumer, R. 9187
Hollinger, S. E. 8955
Hollington, P. A. 5273
Holloway, G. E. 292
Holloway, J. C., Jr. 4771, 6580
Holloway, L. E. 5726
Holm, E. T. 4955
Holm, L. van 4683
Holman, K. 761
Holmes, Z. A. 2547
Holobradá, M. 8063
Holobradý, K. 757
Holoubek, I. 5404
Holshouser, D. L. 4607-4608
Holt, H. A. 5099
Holte, L. ten 4582
Holtermann, C. 5223
Holtland, G. 3036
Holtman, W. L. 885
Holzner, H. 9498
Home, P. G. 7509
Homma, M. 1712, 3007
Homma, T. 8521
Hon, W. C. 7165
Hon WaiChing 7165
Honda, I. 9035
Honda, T. 1697
Honermeier, B. 2196, 8572-8573
Honeycutt, C. W. 8431
Hong, E. H. 2372, 4781, 5616, 6570-6573, 8215, 8234
Hong, F. S. 3776, 4794, 6168
Hong, G. N. 1701
Hong, J. M. 1645
Hong, K. P. 3873
Hong, M. C. 6147
Hong, N. T. T. 7408
Hong, S. 6434
Hong, S. P. 127
Hong, S. T. 2301
Hong, T. D. 1099
Hong, X. F. 6474
Hong, Y. N. 1290
Hong EunHi 2372, 4781, 5616, 6570-6573, 8215, 8234
Hong FaShui 3776, 4794, 6168
Hong GuangNan 1701
Hong JianMing 1645
Hong KwangPyo 3873
Hong MeiChu 6147
Hong SeongTaek 2301
Hong Shong 6434
Hong SoonPyo 127
Hong XiaoFu 6474
Hong YoungNam 1290
Honke, J. 4142
Hons, F. M. 5882
Honzak, M. 7026
Honzík, I. 4940
Hooda, A. 3234
Hooda, I. S. 7592, 8563
Hooda, J. S. 43
Hooda, P. S. 823
Hooda, R. S. 5187
Hoogmoed, W. B. 2350
Hook, J. E. 7377
Hooker, J. E. 4557
Hooks, M. A. 2920
Hooley, R. 7050
Hooper, S. 4449
Hoover, R. 1003
Hope, A. B. 1786
Hopmans, J. W. 8366
Hopmans, P. 6734
Hoppe, A. 7724
Hopper, F. L. 5888
Hopper, N. W. 2591, 5022
Höppner, F. 5078-5079
Hoque, A. F. M. E. 6712
Hoque, A. K. M. S. 3147
Hoque, M. A. 8439
Hoque, M. S. 5525, 6712
Horaguchi, K. 4296
Horbowicz, M. 7277
Horčička, P. 3170
Horcicka, P. 1986
Horciu, V. 4914
Horemans, N. 3217
Hori, K. 8672
Horibe, Y. 9028
Horie, T. 291, 993, 995, 2325, 3881-3882, 6510, 8163
Horiguchi, T. 3025, 6476, 9467
Horino, T. 4717
Horiuchi, E. 2280
Horiuchi, T. 5633, 6013, 9155, 9437
Horkics, L. 8402
Horn, C. P. 1169-1170
Horrocks, R. D. 6834
Horsley, R. D. 8857
Horstmann, C. 6689, 6926, 8791
Horta, A. C. G. 6599
Hörtensteiner, S. 2223, 4395
Horton, D. K. 2985
Horton, P. 1820, 3222-3223
Horton, R. 204
Horvat, D. 7091, 9316
Horvát, F. 3487
Hosaka, Y. 8151
Hoschek, G. 6379
Hoshikawa, K. 9026, 9046
Hoshino, K. 2383
Hoshino, T. 2758
Hosmani, M. M. 1030
Hosokawa, D. 1709
Hoson, T. 3791, 5350-5351, 8801, 8817, 9536
Hosono, T. 9019
Hossain, A. K. M. 3147, 5198
Hossain, M. 6910
Hossain, M. A. 8464
Hossain, M. J. 8432, 8439
Hossain, S. M. A. 5111
Hossain, T. 340
Hosseinpour, K. 4950
Hossner, L. R. 3060
Hotsubo, K. 6119
Hotta, J. 9057
Hotzman, F. W. 1623
Hou, F. F. 1071
Hou, F. L. 8269
Hou, M. 3092
Hou, Q. M. 7334
Hou, Q. S. 41
Hou, Y. M. 2000
Hou FangLin 8269
Hou FwuFenn 1071
Hou Min 3092
Hou QingShu 41
Hou QuanMin 7334
Hou YouMing 2000
Houghton, A. M. 6983
Houghton, B. J. 1192
Houlton, H. A. R. 8748
Hove, C. van 5179, 5250
Hovermale, C. 2598
Hoverstad, T. R. 8882, 8890
Howard, D. 5887
Howard, D. D. 7671, 9354
Howatt, K. 1631
Howden, S. M. 2675
Howe, G. N. 7895
Howeler, R. H. 4222, 4456
Howell, T. A. 170
Hoyt, G. D. 1219
Hradecká, D. 1458
Hrazdina, G. 6655
Hrežo, F. 6989
Hrozinková, A. 2193
Hrubý, J. 1875, 7998
Hrustić, M. 3079, 3116, 3936
Hrustic, M. 9160
Hryńczuk, B. 6107, 9539
Hsiao, I. C. 1074
Hsiao IChao 1074
Hsieh, C. F. 237, 3023, 6134
Hsieh, S. C. 237
Hsieh CeiFang 237
Hsieh ChingFang 3023
Hsieh ShunChing 237
Hsu, K. N. 3023, 6134
Hsu KouNan 3023
Hu, C. H. 4622, 6369, 6398
Hu, C. K. 6494
Hu, C. Q. 1269
Hu, D. J. 1300
Hu, F. 6426, 8158
Hu, H. Q. 5102
Hu, M. L. 5755
Hu, Q. L. 8538
Hu, Q. M. 8496
Hu, R. H. 7975
Hu, S. F. 5752
Hu, W. G. 4028
Hu, X. J. 2630
Hu, Y. 8512, 8825-8826
Hu, Y. X. 1079
Hu, Y. Y. 2998
Hu, Y. Z. 3989
Hu, Z. A. 7450
Hu, Z. D. 8514
Hu, Z. X. 633
Hu ChangHao 4622, 6369, 6398
Hu ChangQing 1269
Hu ChenKang 6494
Hu DingJin 1300
Hu Fei 6426, 8158
Hu HongQing 5102
Hu MaoLin 5755
Hu QiLin 8538
Hu QingMin 8496
Hu RongHai 7975
Hu SuFang 5752
Hu WenGuang 4028
Hu XiaoJia 2630
Hu YanYue 2998
Hu Ying 8512
Hu YunZhu 3989
Hu YuXi 1079
Hu ZhenXiu 633
Hu ZhiAng 7450
Hu ZhiDe 8514
Hua, X. X. 4998
Hua XiXin 4998
Huan, J. C. 9110
Huan JianCheng 9110
Huang, A. H. C. 1293, 1411
Huang, B. 8828
Huang, B. R. 7144
Huang, C. N. 893
Huang, C. Y. 2400, 7448
Huang, D. C. 1251, 1262, 3702

Huang, D. M. 7968
Huang, D. S. 3005
Huang, D. Y. 8482
Huang, F. 6195, 9321
Huang, F. T. 7030
Huang, G. C. 77
Huang, H. C. 588, 654, 1811, 1979
Huang, J. L. 2798
Huang, J. W. 737
Huang, L. 3628, 4773, 6891, 8544
Huang, L. B. 3405
Huang, M. 3866
Huang, M. B. 2795
Huang, M. F. 6832
Huang, M. L. 3005
Huang, P. M. 58, 7123
Huang, P. S. 4708, 6483
Huang, P. Z. 8870
Huang, P. Z. Q. 8821
Huang, Q. L. 8159
Huang, Q. N. 1507, 1645
Huang, R. F. 9211-9212
Huang, R. M. 1643
Huang, S. B. 3792, 4730, 5565
Huang, S. C. 6709
Huang, T. F. 5094
Huang, T. M. 6341
Huang, T. T. 5755
Huang, W. J. 1272
Huang, W. N 8259
Huang, X. B. 577
Huang, X. D. 2629
Huang, X. L. 808, 9166
Huang, X. M. 3848, 5153, 6486
Huang, X. R. 175
Huang, X. W. 1684
Huang, X. Y. 8138
Huang, Y. 5462
Huang, Y. F. 2815
Huang, Y. J. 1306
Huang, Y. Q. 243
Huang, Y. W. 2999
Huang, Z. 6413
Huang, Z. L. 7013
Huang, Z. M. 171, 1265, 2594
Huang, Z. R. 2868
Huang, Z. W. 253, 3829
Huang BingRu 7144
Huang ChiYing 2400, 7448
Huang ChunNong 893
Huang DeChong 3702
Huang DeMing 7968
Huang DeShe 3005
Huang DianCheng 1251, 1262
Huang DingYuan 8482
Huang Fang 9321
Huang Feng 6195
Huang FengTing 7030
Huang GuoCun 77
Huang HongCheng 588
Huang JiLong 2798
Huang Lei 4773
Huang LongBin 3405
Huang MiaoFen 6832
Huang Min 3866
Huang MingBin 2795
Huang MuLin 3005
Huang PeiZhong 8870
Huang PiSheng 4708, 6483
Huang PuZiQi 8821
Huang QingLiu 8159
Huang QinNi 1507, 1645
Huang RongFeng 9211-9212
Huang RongMin 1643
Huang ShaoBai 3792, 4730, 5565
Huang TianFu 5094
Huang TienTsen 5755
Huang TzuMing 6341
Huang WanJi 1272
Huang WeiNan 8259
Huang XiangRong 175
Huang XiaoDong 2629
Huang XiaoLin 808
Huang XiLe 9166
Huang XinBi 577
Huang XueMei 3848, 6486
Huang XueWen 1684
Huang XuMing 5153
Huang YongJu 1306
Huang YouQin 243
Huang YuanFang 2815
Huang YuWen 2999
Huang Zhan 6413
Huang ZhenMao 1265, 2594
Huang ZhiRen 2868
Huang ZhiWu 253, 3829
Huang ZhuoLie 7013
Hubbard, K. G. 1429
Hubbard, V. C. 6377
Hübel, F. 3772
Huber, A. 5834
Huber, D. J. 4053
Huber, J. L. 211, 1642
Huber, S. C. 211, 1642, 3189
Hudak, C. M. 4783
Hudák, J. 1567
Hudeová, M. 5411
Hudson, E. H. 5027
Hudson, N. 5883
Hudson, R. D. 3983
Hue, N. V. 8961
Huelgas, G. 3155
Huerta, A. J. 8860
Huet, J. C. 6898
Huffaker, R. C. 140
Huggins, D. R. 7210
Hughes, D. F. 2888
Hughes, D. W. 4276
Hughes, J. 6092
Hughes, R. G. 6647
Huh, S. M. 9002
Hui, H. 3878
Hui, Y. J. 6873
Hui Hong 3878
Hui YanJun 6873
Huie, E. B. 3093
Huijbregts, A. 9292
Huijbregts, A. W. M. 1192, 1203, 4167
Huizen, R. van 1792
Hukuoka, H. 3220
Hulcy, A. 6825
Hull, M. R. 8059
Hulluka, M. 7900
Hulme, P. J. 7659
Hulugalle, N. 3588
Hulugalle, N. R. 1949
Hume, D. J. 2231
Humphrey, W. D. 5845
Humphreys, E. 2278, 2357
Humphries, R. 6825
Hundal, H. S. 7077
Hundal, S. S. 7139, 7961
Hundekar, A. R. 8229
Huner, N. P. A. 1529, 3669, 7167
Hung, K. T. 4619, 4715, 9018, 9031
Hung KuoTung 4619, 9018, 9031
Hungria, M. 1249, 6619, 9161
Hunje, R. 5577
Hunsaker, D. J. 87-88, 2788
Hunshal, C. S. 323, 385, 1371, 2442, 5084, 5607, 8229
Hunsigi, G. 5924, 8515
Hunt, A. G. 4057
Hunt, L. A. 1128, 1477, 7409
Hunt, P. G. 599, 4373
Hunt, S. 1763
Hunter, D. J. 8961
Hunter, G. 9158
Hunter, W. J. 4787
Huntingford, C. 5242
Huo, X. C. 4242
Huo XuanCheng 4242
Hur, B. K. 3827, 5499
Hur, H. S. 374
Hur, H. S 679
Hur, H. S. 7465
Hur BongKoo 3827, 5499
Hur HanSun 374, 679, 7465
Hurkman, W. J. 2150
Hurney, A. P. 6064, 9442
Hurry, V. 1543, 5140
Hurry, V. M. 7870
Hurwitz, R. 7618
Huseby, D. J. 1536
Húska, J. 3487
Hussain, A. 97, 6275, 7649, 8037
Hussain, G. 6874
Hussain, H. 9127
Hussain, M. M. 4793, 6865
Hussain, M. S. 5528
Hussain, M. W. 4728
Hussain, N. 248
Hussain, S. G. 89
Hussain, T. 248
Hussaini, S. H. 2956
Hussein, A. 4953
Hussein, H. F. 5455, 9207
Husted, S. 892, 2005
Hutchings, M. J. 3516
Hutchinson, R. L. 9354
Huth, N. I. 6036, 9448
Hüther, O. 7809
Hutmacher, R. B. 3368, 5883
Huttová, J. 2863
Huyghe, C. 1183-1184, 4134, 9263
Huynh, T. T. 7679
Huzulák, J. 3575
Hwang, B. S. 4986
Hwang, C. D. 5514
Hwang, C. J. 6419
Hwang, D. Y. 5510, 5514, 6418
Hwang, I. K. 5624
Hwang, I. T. 8919, 9008
Hwang, S. S. 4767
Hwang, Y. H. 6570-6571
Hwang, Y. S. 6645
Hwang BeomSeok 4986
Hwang ChangJu 6419
Hwang ChungDong 5514
Hwang DongYong 5510, 5514, 6418
Hwang InKyeong 5624
Hwang YoungHun 6570-6571
Hwang YoungSoo 6645
Hyakumachi, M. 4027, 8267
Hyakutake, H. 3847
Hylton, C. 3185
Hyman, A. H. 9550
Hynes, M. F. 1309
Hynes, R. 6617
Hynes, R. K. 4023
Hyun, J. N. 126
Hyun, S. W. 2831
Hyun JongNae 126
Hyun SeungWeon 2831
Iancu, S. 9095
Iannetta, P. P. M. 5795
Ibia, T. O. 8043
Ibijbijen, J. 1143
Ibitoye, A. A. 6345
Ibragimov, B. T. 3362
Ibrahim, H. M. 1962, 3615
Ibrahim, M. A. M. 5032
Ibrahim, M. E. D. 5928
Ibrahim, R. K. 7587
Ibrahim, Y. M. 1187
Ibrar, M. 6342
Ibrar, R. 1512, 7695
Ichihara, A. 559, 561
Ichihara, K. 8152
Ichii, M. 1007
Ichikawa, K. 8967
Ichikawa, N. 6979, 7125
Ichimoto, I. 1708
Ichinohe, M. 2305
Ichiryu, N. 1006
Ichishima, E. 7952
Ida, E. I. 8261
Ida, K. 4335
Ida, R. 4717
Ida, S. 8643, 9022
Idi, M. 2957
Idriceanu, A. 7081
Idso, S. B. 855
Igamberdiev, A. U. 3703
Igarashi, S. 1909
Igbasan, F. A. 1796
Igita, K. 3103-3104
Iglesias, A. 777
Iglesias, L. 2769
Iglesias, L. A. 65, 2769
Iglesias, R. G. 8406
Ignaczak, J. C. 2670, 6302, 6964, 7999
Ignatenko, N. I. 482
Ignatov, G. 5758
Ihara, H. 7344
Ihii, R. 849
Ihsan Ilahi 1096
Iijima, M. 3856, 9028
Iimura, K. 1701
Iino, M. 944, 2255, 5548, 6650, 8077
Iinuma, C. 3584
Ikarashi, T. 364, 6613, 7441
Ikarashi, Y. 7441
Ikeda, A. 3825
Ikeda, J. 6514
Ikeda, M. 2314, 3630, 7110, 7113
Ikeda, R. 6464
Ikeda, T. 1072-1073, 2384
Ikehashi, H. 6463
Ikejiri, A. 1012, 1018
Ikesugi, Y. 9027
Ikitoo, E. C. 4271
Ikwelle, M. C. 8180
Ila Patel 8376
Ila'ava, V. P. 4218
Ilahi, I. 1096
Ilami, G. 6898, 8551
Ilampour, S. 4115
Ilbery, B. W. 5726
Ilchovska, D. 1604, 1621
Ile, E. 1590
Ilea, L. 7075
Ilich-Popova, S. 3526
Ilieva, M. P. 2647
Ilík, P. 1574
Illéš, L. 3487
Illipronti, R. A., Jr. 9141
Iluz, D. 7500
Im, D. J. 5652
Im, I. B. 9002, 9007
Im, K. H. 2247
Im DaeJoon 5652
Im IlBin 9007
Imai, H. 6119
Imai, K. 2324, 3825, 3841
Imai, T. 5325
Imaizumi, N. 9013
Imaki, K. 4153
Imaki, T. 4080
Imas, P. 964
Impens, I. 4553
Imsande, J. 8249
Imsande, M. 8292
Imura, E. 4163, 4176
In, M. S. 5617
In MinSik 5617
Inam, A. 7803
Inamdar, J. A. 632
Inamori, Y. 1313
İnan, Ö. 3347
Inanaga, S. 6476, 7355, 7442, 7469
Inayatullah 6604
India, Indian Agricultural Research Institute 8698-8700
India, Marathwada Agricultural University 7931
India, Nagarjuna Agricultural Research and Development Institute 9568
Indira, K. 7595
Indulkar, B. S. 7365, 9255
Industrial Crops and Products 9572
Infante Fonseca, Z. 9343
Infantino, S. 6213, 6222
Infeld, J. A. 4656
Informatore Agrario 2527, 6311
Inge-Vechtomova, N. I. 942
Ingerson-Mahar, J. 3978
Ingle, R. W. 3032, 3893, 3899
Inglis, D. A. 547
Ingram, G. H. 4927
Ingram, J. 4061
Ingram, J. S. I. 7040, 7884
Inman-Bamber, N. G. 6026, 6060, 7772, 7784, 7786, 9444
Ino, M. 1073
Inoue, K. 914, 1701, 2369, 2392, 3585
Inoue, M. 6464

Inoue, M. T. 2085
Inoue, Y. 1026, 3152, 5231, 8498, 9551-9552
Inouhe, M. 5463
Inouye, J. 1077, 7348, 8423, 9048
Institut International de Recherches Betteravières 789
International Center for Agricultural Research in the Dry Areas 2726
International Crops Research Institute for the Semi-Arid Tropics 5599-5600, 5694, 8311, 9567
International Federation of Organic Agriculture Movements 5255
International Potato Center 782, 7044
International Rice Commission 6412
Intodia, S. K. 6868
Inui, H. 7344, 9023
Inumaru, K. 4335
Inzé, D. 7755, 7757
Ionaşcu, I. 8089
Ionescu, G. 7075
Ionescu, N. 7067
Ioneva, Zh. 6309
Iordanova, D. 6193, 6310
Iosefa, T. 4225
Ipinge, S. A. 3057
Ippolito, J. A. 5295
Ipsits, C. M. 247
Iqbal, J. 8037
Iqbal, M. 795, 1907, 1927
Iragavarapu, T. K. 6167, 8879, 8897
Irandoost, Z. 1034
Ireland, R. J. 2413
Iremiren, G. O. 6345
Iriawati 1158
Irifune, K. 1335
Irigoyen, J. J. 228
Irikura, Y. 1909
Irish, E. 3779
Irish, E. E. 8070
Irizarry, H. 5004
Irla, E. 502, 532-533
Iruthayaraj, M. R. 7209
Irvine, R. B. 134
Irving, M. S. 7517
Irzyk, G. P. 2238-2239
Irzyk, G. P 8771
Irzyk, M. 1554-1555
Isaikina, E. E. 6372
Isayama, T. 1335
Isbell, T. A. 9529
Ishaw, M. 5333
Ishibashi, M. 429, 1132, 1821, 5750, 9231
Ishida, H. 7115, 8994
Ishida, M. 6545-6546, 6900
Ishida, N. 2218
Ishigami, M. 7192
Ishigami, Y. 7344
Ishiguro, Y. 3497
Ishihara, K. 3838, 4008, 4828, 5540, 6410, 9013
Ishii, A. 9557
Ishii, R. 848, 3840, 5301, 5566
Ishii, T. 6778
Ishii-Iwamoto, E. L. 2240
Ishikawa, H. 8936
Ishikawa, T. 3414
Ishikura, N. 6545-6546
Ishimaru, J. 4158
Ishimaru, K. 5552
Ishimoto, M. 6690
Ishioka, T. 4631
Ishitani, M. 895
Ishizuka, J. 3630, 7110, 7113
Ishizuka, K. 287-288, 7341
Ishwar Singh 1314
Iskakov, B. K. 2092
Iskandar, M. H. 4488
Isla, R. 5417
Islam, M. A. 3254
Islam, M. J. 6043
Islam, M. N. 7748
Islam, M. S. 3254, 6712, 8439
Islam, M. T. 2441
Islam, M. Z. 3147
Islam, N. 6476
Islam, O. M. 7655
Islam, U. 6910
Islam, Z. 5198
Islambekov, Sh. Yu. 3362
İşler, S. 4538
Ismail, A. M. 4097
Ismail, M. 2955
Ismail, M. D. 5290
Ismail, S. 4360
Ismaili, M. 1143
Ismailov, A. I. 3362
Ismimaru, T. 9040
Isobe, K. 1241
Isobe, M. 5152
Isoda, A. 3940, 4040
Isola, M. C. 3165
Israel, Institute of Technology 2125
Israel, Institutes for Applied Research, Ben-Gurion University of the Negev 2720
Istrati, E. 4375
Italy, Istituto Sperimentale per la Cerealicoltura 5450-5451, 8006
Itimu, O. A. 1584-1585
Itnal, C. J. 8201
Ito, H. 3582
Ito, K. 3823, 9029
Ito, M. 217, 217, 6608
Ito, O. 1846, 2454, 9063, 9252
Ito, S. 2758, 6119
Ito, T. 2990
Ito, Y. 1009
Itoh, T. 7639
Itoh, Y. 7766
Itou, O. 1670, 1717
Ittersum, M. K. van 9553
Iturbe-Ormaetxe, I. 1104
Ivahupa, S. 4206
Ivančan, S. 665
Ivančić, I. 2902
Ivanič, J. 2763
Ivanishchev, V. V. 6828
Ivanov, A. G. 4832, 7491
Ivanov, A. L. 9495
Ivanov, B. N. 5727
Ivanov, I. I. 73
Ivanov, S. 3732
Ivanov, V. B. 3784
Ivanova, H. 1544
Ivanova, I. E. 1416
Ivanova, T. N. 853
Ivanova, V. F. 6754
Ivanović, M. 2907
Ivanovich, M. 2907
Ivashchenko, I. F. 694
Ivashikina, N. V. 8923
Ivezić, M. 9316
Ivoĭlov, A. V. 8837
Iwabuchi, K. 3783
Iwama, K. 9323
Iwamoto, T. 3220, 9226
Iwamura, H. 1330
Iwasaki, K. 7689
Iyer, S. 6479
Izawa, T. 3817, 3854, 8990
Izmailov, S. F. 478, 1866
Izui, K. 3771
Izundu, A. I. 4224
Jabbar, M. 1425
Jabbar, M. A. 2709
Jabeen, M. 1096
Jablokow, A. G. 7023
Jabłońska-Ceglarek, R. 4951
Jackowska, I. 6741
Jackson, B. R. 6461
Jackson, F. 1298
Jackson, F. M. 651
Jackson, G. D. 7078
Jackson, L. 7107
Jackson, L. F. 8769
Jackson, M. B. 1274, 4411, 4429, 4452, 7307
Jackson, M. T. 4662, 6515
Jackson, P. A. 6958
Jackson, S. 7851
Jackson, S. D. 1233
Jackson, T. J. 1659
Jackson, W. 695
Jacobs, A. F. G. 230
Jacobs, L. W. 3750
Jacobsen, C. S. 7181
Jacobsen, J. S. 8748
Jacobsen, J. V. 4570
Jácome, S. 6557
Jacquemoud, S. 7620
Jacquet, G. 5475
Jacquin, E. 8599, 9446
Jadeja, D. B. 4361
Jadhao, P. N. 4030
Jadhao, S. L. 3890
Jadhav, A. G. 5768
Jadhav, A. S. 320, 343, 373, 421-422, 1373, 4733, 5183, 5569, 5573, 5576, 5748, 5934-5935, 6083, 7907, 8620
Jadhav, B. B. 5530
Jadhav, B. S. 234, 310, 337
Jadhav, D. N. 1778
Jadhav, H. D. 4347
Jadhav, J. D. 6726, 8198, 8618, 8628, 8694
Jadhav, M. S. 7778
Jadhav, P. J. 343
Jadhav, S. N. 6630
Jadhav, V. T. 8418
Jadhav, Y. R. 983
Jaeger, M. B. 7410
Jafri, A. Z. 1268
Jagadeesh, K. S. 5984
Jagadish Rane 7953
Jagan Nath 7036
Jagannathan, N. T. 6805, 6966, 7657, 7661
Jagdev Sharma 8756
Jagdish Mishra 649
Jagdish Singh 707
Jäger, H. J. 4536, 8833
Jager, J. M. de 3795, 8730
Jagetiya, B. L. 8861
Jaggard, K. 2499
Jaggard, K. W. 1202, 1887, 2498, 7619
Jaggi, R. C. 1317
Jaggi, S. C. 6031
Jäggli, F. 551, 5421
Jagjit Singh 8520
Jaglan, R. S. 1954
Jagpal Singh 3494
Jahiruddin, M. 5525
Jahnke, L. S. 8059
Jai Singh 3144
Jaime, L. 1816
Jain, H. C. 2606, 3108
Jain, J. C. 5293
Jain, J. M. 2989
Jain, K. C. 7556
Jain, K. K. 1750, 2606, 3108-3110, 3974, 7905
Jain, L. L. 7475
Jain, M. 7300
Jain, M. P. 3078, 3942
Jain, N. K. 676
Jain, P. K. 6240, 6259
Jain, R. C. 9450
Jain, R. K. 2014, 4745, 5981, 6499, 7743
Jain, S. 7743
Jain, S. C. 1951, 5862
Jain, V. 1150
Jaishree Bhaskar 4343
Jaiswal, J. P. 5707
Jaiswal, V. P. 3315, 4958, 9299
Jaiwal, P. K. 2447
Jakhrom, A. A. 8120
Jalakšová, V. 3504
Jallas, E. 7678
Jallow, B. 796
Jama, B. 7284
Jama, B. A. 902
Jamaï, A. 411, 2418
Jamal, M. 6261
James, C. L. 8291
James, E. K. 5795
James, F. 2249
Jamieson, P. D. 2177, 7126
Jamin, E. 6934, 8588
Jamriška, P. 6287
Jamsher Khan 501
Jamuna, P. 3447, 6041
Jan, M. I. 6342
Jan, M. T. 96
Jan, N. 508
Jan, T. 96
Jana, M. K. 4677
Jana, P. K. 1166, 1939, 3157, 4993-4994, 5089
Jana, S. 5293
Jana, S. K. 390
Jana, T. K. 6970
Janagoudar, B. S. 606
Janaki, P. 1359
Janardan Singh 6911
Janardhanan, K. 3265, 4145
Janarjuna, S. 908
Janda, T. 1654, 2266, 7977
Janes, L. D. 603
Jang, Y. S. 368, 5922
Jang YeongSeon 368
Jang YeongSun 5922
Jangir, R. P. 9078
Jangra, S. S. 1954
Jankauskienė, Z. 8500
Janowiak, F. 2179
Jansen, H. G. P. 8105
Jansen, M. 1533
Jansen, M. A. K. 8587
Jansen, M. J. W. 4437
Janssen, B. H. 8986, 8993
Jansson, G. 4535
Janušauskaitė, D. 7915
Janzen, H. H. 84, 6191
Japan, Japanese Society of Plant Physiologists 6150
Jarak, M. 3292
Jaramillo A., A. 1427
Jarausch-Wehrheim, B. 2256
Jarrett, S. J. 7197
Jarvis, P. G. 9230
Jarvis, R. J. 1180, 4894
Jarvis, S. C. 1378
Jasiewicz, C. 3399, 3473, 7243
Jasińska, Z. 8221
Jaskowska, I. 6742
Jaspal Singh 9185
Jasper, D. A. 3050
Jaswal, S. V. 1766
Jaswant Singh 3574
Jaswinder Singh 3617
Jaszczołt, E. 5808
Jat, B. C. 7182
Jat, N. L. 8002
Jat, S. C. 8558, 8560
Jat, S. L. 8559
Jatimliansky, J. R. 50
Jatsch, C. 7687
Jauneau, A. 7684-7685, 9368
Jauregui, D. 5796-5797
Javelle, F. 4186
Javid Iqbal 8037
Javidullah 6899
Javor, L'. 6615
Javornik, B. 9325
Jawale, S. M. 4477, 5188, 5264
Jaworski, J. G. 9517
Jawson, L. A. 6403
Jawson, M. D. 6403
Jaya Bhushan 4805
Jayabalan, N. 1870, 4037, 4039
Jayadeva, H. M. 4695
Jayakumar, M. 2268, 6363
Jayalalitha, K. 3358, 5897
Jayanna, M. 8046, 8192, 8419
Jayanthi, M. 8117
Jayanti Ganguly 3395
Jayapaul, P. 3075
Jayapragasam, M. 5555, 8164
Jayaprasad, K. V. 418
Jayaraman, N. 8191
Jayas, D. S. 901
Jayashree Kar 1478
Jayavardhanan, K. K. 2470
Jayawardena, S. N. 7554
Jaynes, D. B. 5481
Jayshree Bhaskar 1342
Jean, C. 5342
Jedel, P. E. 130-132
Jędruszczak, M. 8222

Jędrychowski, L. 4312-4313, 6895
Jefferies, R. A. 573, 576, 4190, 4983
Jeffery, R. C. 4948
Jeffrey, K. R. 4277
Jegla, D. 3779
Jehangir, K. S. 1161
Jelić, M. 2792, 4554
Jelinowska, S. A. 9542
Jelinski, L. W. 1116
Jellum, E. 157
Jellum, E. J. 7801
Jemal Abdurahman 3752
Jemblie, J. 1897
Jena, B. C. 6044, 7781
Jena, B. K. 4675, 4748
Jena, S. 505
Jenčič-Medvešek, M. 2030
Jenkins, C. L. D. 8580
Jenkins, P. D. 2509, 8457
Jenkins, T. 8636
Jenner, C. F. 834
Jenner, H. 1924
Jensen, A. 5959
Jensen, A. B. 4399, 6387
Jensen, B. 7691
Jensen, C. R. 671, 2002, 2628, 4308, 7730
Jensen, E. S. 387, 7001
Jensen, N. J. 2643
Jensen, P. K. 1561
Jensen, R. B. 6324
Jeon, B. T. 9098, 9106
Jeon, W. T. 99, 2190
Jeon WeanTai 2190
Jeon WeonTae 99
Jeong, B. C. 4991
Jeong, E. K. 5527
Jeong, J. C. 578, 1231, 1235, 7625-7626
Jeong, J. H. 2287, 3833, 5397
Jeong, J. W. 4767
Jeong ByeongChoon 4991
Jeong EungKi 5527
Jeong JeongHo 5397
Jeong JiHo 2287, 3833
Jeong JinCheol 578, 1231, 1235, 7625-7626
Jeréz, E. 4196
Jerez, E. 4180
Jerlin, R. 1836
Jeschke, W. D. 2600, 4275, 5087, 8063
Jessop, R. S. 2461-2462, 3411, 7172, 9407
Jesudas, D. M. 259
Jesus, M. A. e S. de 4655
Jeuffroy, M. H. 5711, 9523
Jeusset, J. 7440
Jeyaraman, S. 630
Ježek, P. 5825
Jha, G. 1847
Jha, K. P. 9337
Jha, L. K. 3814
Jha, R. K. 2603, 3943
Jha, S. 8906
Jha, S. K. 8843
Jhala, R. C. 1783
Jharna Som 1826, 9239
Jhoty, I. 4354
Ji, B. H. 2303
Ji, G. M. 3776, 6168
Ji, G. Q. 3573
Ji, H. L. 2998
Ji, H. Q. 3355
Ji, J. J. 2301
Ji, J. Q. 3573
Ji, L. 8251
Ji, S. B. 4094
Ji BenHua 2303
Ji GuangMing 3776, 6168
Ji GuoQing 3573
Ji HanLu 2998
Ji HaoQin 3355
Ji JaeJun 2301
Ji JiQing 3573
Ji Liang 8251
Jia, G. F. 3581
Jia, J. F. 8208, 8514
Jia, J. T. 6799
Jia, J. W. 2308, 8585
Jia, Q. 601
Jia, S. Q. 5638
Jia, W. S. 218, 5472-5473, 8933
Jia, X. L. 805
Jia, Y. Q. 815
Jia, Z. C. 8538
Jia, Z. J. 8971
Jia GaoFeng 3581
Jia JingFen 8208, 8514
Jia JingTao 6799
Jia JunWei 2308, 8585
Jia Qi 601
Jia ShuQin 5638
Jia WenSuo 218, 5472-5473, 8933
Jia XiuLing 805
Jia ZhongJin 8971
Jia ZuoChen 8538
Jian, J. L. 805
Jian, J. Y. 6253
Jian JiaLi 805
Jian JiYun 6253
Jiang, C. J. 414
Jiang, C. Z. 7429
Jiang, D. 6177
Jiang, F. C. 4164
Jiang, G. H. 627
Jiang, G. L. 94
Jiang, J. M. 5520
Jiang, J. P. 6157
Jiang, J. Y. 8575
Jiang, L. W. 3714
Jiang, M. L. 3169
Jiang, P. Y. 1671, 6474, 8970
Jiang, Q. G. 2760
Jiang, R. F. 2750
Jiang, R. W. 3169
Jiang, R. Y. 1265, 2594
Jiang, W. S. 8383
Jiang, X. C. 6111, 6516
Jiang, X. H. 2889
Jiang, Y. J. 615
Jiang, Y. P. 2998
Jiang, Y. W. 5486
Jiang, Y. Z. 4374
Jiang, Z. H. 2935
Jiang, Z. X. 4034
Jiang CaiZhong 7429
Jiang ChangJie 414
Jiang Dong 6177
Jiang FuCheng 4164
Jiang GuangHong 627
Jiang GuoLiang 94
Jiang JiuYu 8575
Jiang JunMin 5520
Jiang LiWen 3714
Jiang MuLan 3169
Jiang PengYan 1671, 6474, 8970
Jiang QiGen 2760
Jiang RongFeng 2750
Jiang RongWen 3169
Jiang RuiYun 1265, 2594
Jiang WuSheng 8383
Jiang XiaoCheng 6111, 6516
Jiang XiaoHong 2889
Jiang YiJian 615
Jiang YiWei 5486
Jiang YongZhong 4374
Jiang YuPing 2998
Jiang ZhaongHuai 2935
Jiang ZiXin 4034
Jiao, D. M. 2303
Jiao, X. Z. 3659
Jiao DeMao 2303
Jiao XinZhi 3659
Jiménez, A. 6649
Jimenez, M., Jr. 6811
Jiménez-Cisneros, B. 169
Jin, H. C. 1302
Jin, H. J. 6442
Jin, J. E. 6007
Jin, K. 2748
Jin, L. F. 3821, 4806, 8265
Jin, L. P. 4184
Jin, P. 3950
Jin, Q. S. 3875
Jin, Q. Y. 2277
Jin, W. L. 439
Jin, X. F. 8691
Jin, X. Q. 7263
Jin, Y. G. 2868
Jin, Y. Q. 5368
Jin, Z. Q. 4811
Jin, Z. Y. 1553
Jin HeCheng 1302
Jin JeongEui 6007
Jin Ke 2748
Jin LiPing 4184
Jin LiuFu 3821, 4806, 8265
Jin Ping 3950
Jin QianYu 2277
Jin QingSheng 3875
Jin WenLin 439
Jin XiangQun 7263
Jin XiFeng 8691
Jin YinGen 2868
Jin ZhiQing 4811
Jin ZiYu 1553
Jing, G. Q. 4694
Jing, Q. Y. 8115
Jing, Y. S. 4465
Jing GuoQiang 4694
Jing QianYu 8115
Jing YuanShu 4465
Jinn, T. L. 7446
Jinn TsungLuo 7446
Jirali, D. I. 8201
Jisha, M. S. 7368
Jitendra Pandey 4697, 7101, 7559, 7581, 7932
Jividen, G. 5058
Jividen, G. M. 2591
Jivotovskaya, A. 6689
Jivotovskaya, A. V. 8791
Job, C. 9296
Job, D. 2922, 3186, 9296
Jobet F., C. 3612-3613
Jochimsen, B. U. 4820
Jocković, Đ. 3079, 3936
Jockwer, F. 5337
Jodari, F. 5518, 6462
Joel, A. J. 8302
Jofet F., C. 3611
Joginder Singh 5977, 6809
Joh, T. 7118
Johann, P. 9435
Johansen, C. 1165, 1846, 2127, 3251-3252, 7548, 7552, 7555-7556, 7562, 7573, 8392
Johansen, R. H. 4955
Johari, D. 710
John, K. 9408
John, M. 8654
John, P. 8277, 8648
John, P. C. L. 686
John, P. S. 3836
John, S. A. 8146
Johnson, A. 1958, 6843
Johnson, A. K. L. 9447
Johnson, A. W. 5018, 6000
Johnson, B. E. 180
Johnson, B. S. 4975
Johnson, C. B. 3423
Johnson, D. 4698
Johnson, D. A. 547, 2944, 8085
Johnson, D. H. 2985, 4255
Johnson, E. O. 5645
Johnson, G. V. 5283, 5298
Johnson, H. B. 8834
Johnson, J. 5868
Johnson, J. C., Jr. 5448
Johnson, J. F. 1862-1863
Johnson, J. P., Jr. 6196
Johnson, J. R. 3888
Johnson, J. W. 31-32, 7144, 8828, 8899
Johnson, M. D. 1814
Johnson, P. A. 7073, 8438
Johnson, S. 6744
Johnson-Flanagan, A. M. 5108, 7731
Johnsson, A. 105, 861, 9395
Johnston, G. R. 1216-1217
Johnston, H. W. 1476
Johnston, J. S. 2617
Johnston, M. 4217, 4236, 8468
Johnston, R. H. 8850
Jokhan, A. D. 1274
Jokinen, K. 2677, 7411
Jolánkai, M. 2801
Jolley, V. D. 1387, 1443
Jolliff, G. D. 7747
Joly, R. J. 1033
Jones, A. V. 2214
Jones, B. 3026
Jones, B. L. 142
Jones, C. A. 8711
Jones, D. C. 3983
Jones, G. A. 5614
Jones, J. B., Jr. 2086
Jones, J. K. 7688
Jones, J. W. 354, 2104, 5660
Jones, K. C. 1078
Jones, M. B. 8809, 8831
Jones, M. G. K. 7387
Jones, M. J. 7579
Jones, M. P. 4698, 7326, 8985
Jones, O. R. 325, 7061
Jones, P. N. 4362
Jones, R. B. 1584-1585, 8902
Jones, R. J. A. 1183
Jones, R. K. 8884
Jones, R. L. 890, 3714, 4568, 4570, 9089
Jones, S. S. 8771
Jong, A. de 393, 8329
Jong, H. de 514-517
Jong, R. W. de 5820
Jong, S. K. 4992, 9335
Jong SeungKeun 4992, 9335
Jongruaysup, S. 4120
Jonsson, A. 5970
Jonsson, H. 6877
Jonsson, K. 1583, 2883
Joo, M. K. 5618
Joo MoonKap 5618
Jood, S. 1852
Jordan, B. R. 8342
Jordan, D. 6377, 7338
Jordan, D. L. 7419, 8141
Jordan, G. L. 8327
Jordan, W. R. 3803, 5487
Jorge, R. A. 7269
Jørgensen, H. E. 3673
Jørgensen, K. 1305
Jorhem, L. 2060
Jörnvall, H. 5713
Jorrín, J. 1288
Jorrin, J. 4126, 4289-4290, 8533
Joseleau, J. P. 8064
Joseph, B. 450, 7568
Joseph, D. 2158
Joseph, T. 1944
Joshi, K. C. 5759
Joshi, K. D. 2066, 7924
Joshi, N. L. 1405, 6536
Joshi, O. P. 8231
Joshi, P. K. 6507
Joshi, R. C. 6558, 8184
Joshi, R. K. 2690
Joshi, R. M. 1755
Joshi, V. R. 2997, 5572
Jošt, M. 2761
Jouany, C. 3491
Joubert, A. M. 5235
Jourdain, A. 4044
Journal of Production Agriculture 6145
Jouve, D. 4784
Jovanović, Z. 3797
Joyard, J. 7004
Joyce, M. 8866
Joythi, T. 652
Ju, J. I. 580, 5617
Ju, R. 5143
Ju JingIl 580
Ju JungIl 5617
Ju Rong 5143
Juan, J. P. de 228
Juan Javier, P. de 2946
Juan José, I. 2946
Juan Valero, J. A. de 5948
Juang, T. C. 6101
Juang TzoChuan 6101
Jugsujinda, A. 4726
Juliano, B. O. 973
Jumde, Y. S. 8391
Jun, B. T. 5514
Jun ByungTae 5514
Jung, C. S. 5415
Jung, M. C. 7021

Jung, Y. S. 5506
Jung, Y. T. 2190
Jung ChanSik 5415
Jung MyungChae 7021
Jung YeunTae 2190
Jung YongSang 5506
Junge, H. 1224
Junge, W. 7481
Junqueira, A. M. R. 6763
Junttila, O. 5218
Jurado-Expósito, M. 1285
Jureková, Z. 2752, 2797
Jurevičius, J. 6746
Jurković, D. 9316
Jurkowska, H. 2684
Jürschik, P. 4472
Jurvilliers, P. 5377, 7995
Justus, M. 4836, 9204
Jutzi, S. C. 8803
Juusola, P. 7686
Juzbašić, M. 3952
Jůzl, M. 1921, 8455
Južnik, M. 3304, 4942
Jyani, D. B. 1783
Kabar, K. 3221
Kabat, P. 4976, 4984, 5207, 5252
Kabi, M. C. 1832
Kabić, D. 3277, 3283, 3291-3292, 6748
Kacar, B. 2980
Kacha, R. P. 3428, 3430, 8577
Kachanoski, R. G. 181, 8036
Kachapur, M. D. 5577
Kachhadia, B. T. 473
Kachole, M. S. 3250, 7560
Kaczor, A. 5131, 8908
Kaczyński, L. 8873
Kadam, J. R. 5688
Kadam, R. H. 5299
Kadam, S. K. 711
Kadambavanasundaram, M. 2588
Kadamdhad, G. R. 5632
Kádár, I. 8341
Kadayat, K. B. 8132
Kader, J. C. 7019
Kadian, M. S. 1902
Kadıoğlu, A. 4129, 4893
Kadoshnikova, I. G. 8723
Kadrekar, S. B. 7325
Kadry, W. 1981
Kadu, P. P. 445, 5777
Kafarski, P. 5228, 7752
Kafkafi, U. 4523, 8781
Kage, H. 5372, 9210
Kageyama, K. 4027, 8267
Kahn, M. L. 6702
Kahn, R. A. 5586
Kahre, L. 1440
Kai, T. 3771
Kaida, Y. 5496
Kaigama, B. K. 8180
Kaihura, F. B. 8945
Kaihura, F. B. S. 8946
Kaino, T. 9045
Kaiser, H. 9213
Kaiser, W. M. 897, 2918, 3189, 5407
Kaizuma, N. 6900
Kajal, N. 3258, 9201, 9259
Kajbaf, A. 7140
Kajdi, F. 8402
Kajfež-Bogataj, L. 8948
Kajita, S. 8583
Kajuhanzire, R. M. 2520
Kakati, P. K. 5122
Kákoniová, D. 9428
Kakralya, B. L. 3246
Kaku, H. 290, 1009, 6321, 7345
Kakuda, Y. 5132
Kalabin, G. A. 8491
Kalaghatagi, S. B. 8201
Kalaimagal, T. 8390
Kalaimani, S. 1149, 1162, 1284, 3958
Kalaiselvan, P. 2716
Kalakoutskii, K. L. 4069
Kálalová, S. 4063, 6662
Kalamani, A. 2481
Kalantari, K. M. 74
Kalapos, T. 3665
Kalashnikova, T. S. 8667
Kalaycı, M. 2782, 2786
Kalbhor, H. B. 5701
Kalburtji, K. L. 7677
Kaldor, J. 5053
Kaldorf, M. 8952
Kale, A. A. 4830
Kale, D. M. 6631
Kale, M. R. 4031
Kalfa, H. I. 8773
Kalinchuk, V. A. 7208
Kalinova, S. 7751
Kalinowska-Zdun, M. 1546
Kalinowski, A. 212
Kalis, G. 4843
Kaliszewicz, D. 3601, 3697
Kalita, H. 4696
Kalita, M. M. 5122
Kalita, U. 978
Kalke, S. D. 255
Kalkuhl, A. 4104
Kallerhoff, J. 4295, 5953
Kalousek, F. 5918
Kaloyanova, N. 5491
Kalpana, R. 3248, 9250-9251
Kalt, W. 2559
Kalyan Singh 3922
Kalyanasundaram, N. K. 1380
Kamada, Y. 1009
Kamal, N. 6535
Kamal Dhawan 6912
Kamal Swarup 8403
Kamalakumari, K. 2234, 7234
Kamannavar, P. Y. 4799
Kamatar, M. Y. 5943
Kamble, B. G. 9255
Kamel, A. S. 1948
Kamemura, K. 7766
Kameya, T. 1719
Kamgar-Hagighi, A. 5574
Kamínek, M. 2486, 2497, 4156, 4909-4911
Kamisaka, S. 3791, 5350-5351, 8801, 8817, 9536
Kamiya, Y. 9035
Kamiyama, N. 4172
Kamizono, H. 8239
Kammen, A. van 479
Kamoi, T. 4064
Kamoshita, A. 5581
Kampfenkel, K. 7755
Kamukondiwa, W. 2566
Kanakamany, M. T. 1944
Kanamori, M. 5550
Kanampiu, F. K. 5283
Kanaya, H. 2982
Kanber, R. 6677
Kanda, A. 3841
Kanda, E. 3007
Kandalkar, V. S. 4669, 7558
Kandasamy, O. S. 8139
Kandaswamy, P. 8127
Kandeel, M. N. 1207
Kandera, M. 6305
Kandpal, B. K. 2820
Kandrač, J. 2496
Kane, M. V. 9101-9102, 9136
Kaneko, T. 9323
Kaneko, Y. 4823, 6010
Kaneria, B. B. 1089, 1092, 1185, 7738
Kaneta, Y. 1718
Kang, B. T. 1587, 5425, 9274
Kang, C. K. 4778, 7439
Kang, D. J. 3873, 4558
Kang, G. S. 9312, 9314
Kang, H. C. 6645
Kang, H. S. 1025
Kang, J. G. 1209, 2290, 4961, 8437
Kang, K. D. 641
Kang, S. Z. 948
Kang, Y. J. 3006
Kang, Y. K. 5320
Kang, Y. L. 2551
Kang, Y. S. 98-99
Kang ChungKil 4778, 7439
Kang DongJu 3873, 4558
Kang HanChul 6645
Kang HyeSook 1025
Kang JongGoo 1209, 4961, 8437
Kang JongGook 2290
Kang KyungDuck 641
Kang ShaoZhong 948
Kang YaJun 3006
Kang YangSoon 98-99
Kang YoungKil 5320
Kang YuLin 2551
Kanhaiya Lal 2051
Kanitskaya, L. V. 8491
Kaniuczak, J. 3307, 6987
Kanivets, N. A. 113
Kannan, K. 644
Kannappan, K. 701
Kanno, A. 1719, 3584
Kano, A. 6463
Kano, H. 2218
Kanoh, M. 1745
Kant, K. 4321
Kant, T. 6258
Kantar, F. 4839
Kanté, S. 3541
Kanthack, R. A. D. 5305
Kanti Prasad 6908
Kantolic, A. 3956
Kanwar, H. S. 6660
Kanwar, J. S. 8325
Kanwar, K. 975
Kanwar, R. S. 8887
Kanyama, E. T. 8121
Kanyand, M. 9178
Kanzikwera, R. C. 2520
Kao, C. H. 928, 1696, 4619, 4715, 5544, 5553, 9018, 9031, 9524
Kao, T. C. 2362
Kao ChingHuei 928, 1696, 4619, 5544, 5553, 9018, 9031, 9524
Kao TeCheng 2362
Kapoor, H. C. 1851, 8403
Kapoor, K. 5118
Kapoor, W. R. 1622, 8915
Kappen, L. 2924, 9213
Kapranov, P. 554
Kapulnik, Y. 7523
Kapusta, G. 1593, 8047
Kar, B. C. 3253
Kar, C. S. 7531
Kar, J. 1478
Kar, M. 5560, 8169, 8314
Kar, S. 2157
Karabínová, M. 2144, 3487
Karacinque, R. 4999
Karafyllidis, D. I. 2546
Karahashi, M. 4658
Karale, M. U. 4860
Karamathullah, J. 6050
Karan Singh 3246, 6928
Karande, B. I. 9072
Karanlik, S. 6186
Karaś, A. 2642
Karasawa, T. 7397, 8210
Karasev, G. S. 5352
Karasevich, V. V. 3971
Karatusha, P. I. 3490
Karavaev, V. A. 3622-3623
Karavaiko, N. N. 887-888
Karcz, W. 3930
Karczmarczyk, S. 4299, 6293
Kardailsky, I. V. 399, 408, 7864
Kärenlampi, S. 7686
Kargiolaki, H. 7164
Kargol, A. 3511, 3513
Kargol, M. 1401
Karibe, H. 1005, 5547
Kariev, A. U. 4257
Karim, A. J. M. S. 7316
Karim, M. A. 6910
Karim, N. H. 9043
Karim, S. M. R. 8984
Karim, Z. 89
Karimi, A. 8015
Karimi, H. R. 5330
Karimian, A. 511
Karimullah 1914
Kariuki, J. M. 8975
Karivaratharaju, T. V. 2573, 7663
Kariyasa, K. 6163
Karkeli, M. S. 7522
Karki, K. B. 3595
Karle, B. G. 653
Karlen, D. L. 2954, 3482, 4373, 8887
Karlsson, C. 861
Karlsson, P. 148
Karmakar, J. B. 3145, 5802
Karmakar, R. M. 2285
Karnail Singh 3465
Karnam Janardhanan 4145
Karnatak, D. C. 1368
Karnaukhova, T. V. 3672
Karpenko, M. A. 509
Karpenstein-Machan, M. 2837, 5373
Karsai, I. 3929, 7201
Karsioti, S. 1858
Kartha, K. K. 2175
Karthikeyan, N. 5244
Kartschall, T. 87-88
Kartsev, V. G. 401
Karunakar, A. P. 7742
Karuppanan Vijayakumari 4145
Karvonen, T. 149, 2358, 3640, 4577, 4985
Karwasra, S. P. S. 5119, 5769, 7740
Karyagina, T. B. 5949
Kasahara, K. 4089
Kasai, K. 4831
Kasai, M. 3991, 7191
Kasai, T. 5663
Kasamo, K. 5536
Kasana, V. K. 2869
Kaseyama, H. 3180
Kashin, V. K. 2681
Kashino, Y. 8145
Kashiwaba, K. 2378, 3444, 5699
Kashyap, M. L. 3110
Kashyap, O. P. 6507
Kasno, A. 4800
Kaspar, T. C. 204, 6340, 7213
Kassa, B. 2516
Kässer, J. 1742
Kastori, R. 2496
Kastrup, V. 208
Kaswan, M. P. 2473
Katano, M. 3013, 3016
Kataoka, T. 904
Kataria, G. K. 8304
Kataria, V. P. 7558
Katayama, K. 2454, 9063
Katayama, Y. 8583
Katekhaye, D. S. 338
Katerji, N. 1635
Kates, K. 6653
Kathiresan, G. 3450
Kathju, S. 7593, 9270
Kathuria, M. K. 2611, 3394
Katiyar, A. K. 4020, 5759, 9173
Katiyar, R. P. 5936
Katkat, A. V. 2894
Kato, A. 9041, 9052
Kato, H. 5663
Kato, K. 2305
Kato, M. 5986, 6545-6546, 8989, 9029
Kato, R. 220
Kato, T. 1706, 2315, 2972, 8264
Kato, Y. 1424, 3331, 5537
Kato-Noguchi, H. 1134, 1136, 9194
Katondo, J. J. M. 8143
Katou, K. 4118
Katre, R. K. 2994
Katsuba, Z. 317, 2294-2296, 6446, 6458
Katsuhara, M. 5403
Katsumi, M. 5753
Kätterer, T. 877
Katyal, S. K. 7911, 8983
Katyal, V. 3471
Kauder, F. 692
Kaufman, P. B. 3869
Kaukoranta, T. 4424
Kaul, H. P. 1608, 2135, 2666, 5159
Kaul, S. 4598

Kaur, H. R. 4323
Kaur, J. 1474, 4476
Kaur, N. 5698
Kaur, P. 3419, 7961
Kaur, R. 4445
Kaur, S. 1851
Kaur-Sawhney, R. 9525
Kaushal, A. 1083
Kaushal, A. K. 6722
Kaushik, G. C. 4071
Kaushik, J. 7914
Kaushik, P. K. 5769
Kaushik, S. K. 3054, 7376
Kauthale, V. K. 4121
Kavita Shah 8171
Kavitha, R. 9071
Kavka, M. 8630
Kav"rdzhiev, Ya. 6193, 6310
Kawada, T. 7489, 7676
Kawaguchi, S. 748, 1001, 7344
Kawai, F. 5550
Kawai, M. 9128
Kawai, S. 7192
Kawakami, N. 8799
Kawakita, K. 7647
Kawamitsu, Y. 3464, 3863, 4355
Kawamukai, T. 2085
Kawamura, O. 6397
Kawamura, T. 4158
Kawamura, Y. 1335, 3020
Kawane, M. 9127
Kawano, S. 7294
Kawarasaki, Y. 7950
Kawasaki, M. 9342
Kawasaki, T. 2215, 2226, 2306, 2426, 5403
Kawashima, C. 1705, 3009
Kawashima, H. 9323
Kawashima, K. 2665
Kawashima, S. 967
Kawata, K. 5550
Kawata, Y. 8676
Kawazu, T. 7294
Kay, A. 6826
Kay, B. D. 2941
Kaya, D. K. 5306
Kažemėkas, O. 9184
Kazlauskas, A. 5341
Ke, D. S. 8378
Ke, J. G. 4426
Ke, Q. M. 3850
Ke DeShen 8378
Ke JianGuo 4426
Ke QingMing 3850
Keane, K. 3084
Keating, B. A. 697, 1354, 6036, 9448, 9463, 9573
Keatinge, J. D. H. 4357
Kedzior, Z. M. 6642-6643
Kee, W. E. 7477
Keegstra, K. 4823
Keeley, M. 3359, 5883
Keeling, J. W. 2584, 5017
Keeling, P. 1641
Keeling, P. L. 1643
Keely, M. 5039
Keerberg, H. 1544
Keerberg, O. 1543-1544, 1575
Keeton, A. 1953
Kefeli, V. I. 7012
Keino, J. K. 1667
Keisling, T. C. 4240, 5614, 8112
Kekwick, R. G. O. 8531
Keleman, J. 488
Keller, A. von 9393
Keller, B. 9142
Keller, C. P. 5145
Kelley, S. E. 7870
Kelling, C. 417
Kells, J. J. 1631, 8047
Kelly, T. C. 5181
Kelly-Chilson, A. E. 3996
Kelstrup, L. 9281
Kemble, J. A. 5841
Kempe, K. 1319
Kempers, R. 5737
Kempton, R. A. 3558
Kempuchetty, N. 7335
Kemsley, E. K. 8669
Kenaschuk, E. O. 1977, 6862
Kende, H. 6482, 6492
Kendristakis, E. 8025
Kene, H. K. 4239
Keneni, G. 3160
Kenjle, Y. R. 5582
Kennedy, A. J. 6048-6049
Kennedy, I. R. 5053
Kennedy, J. A. 8730
Kenner, M. H. 4539
Kenny, G. J. 776
Kephart, K. D. 5462
Kerby, T. A. 6834
Kerhoas, L. 4827
Kerin, V. 8875
Kermode, A. R. 3714, 4276
Kernich, G. C. 2849, 6329, 8013
Kerr, S. 3282
Kerrich, R. 5293
Kerslake, R. G. 6068
Kerstiens, G. 2734, 3512
Kersulec, A. 9296
Kertikov, T. 416
Kertnikov, T. 773-774
Kesavan, S. P. 3492
Kesik, K. 723
Kęsik, T. 4370
Keskitalo, M. 1236
Kessavalou, A. 6079
Kessel, C. van 7898, 7919, 8410
Kesteloot, J. 1980
Kestenholz, C. 6855
Kettlewell, P. S. 2126, 4480, 4514, 4524, 5278, 5366
Keulen, H. van 2107, 3736, 4437, 5252
Kevers, C. 5811, 6752, 8427
Kevrešan, S. 2496
Kexel, H. 1319
Key, J. L. 7446
Keys, A. J. 1131, 2430, 4088, 6110
Khaddar, V. K. 2180
Khade, K. K. 5116, 6084, 8556, 8567
Khadi, B. M. 606
Khadikar, P. V. 3492
Khadse, G. K. 3521
Khadse, V. A. 4367, 9476
Khairnar, G. P. 9249
Khaĭrullin, R. M. 75
Khajanchi Lal 7925, 8735
Khakare, M. S. 1767
Khakim, A. 1620
Khakural, B. R. 8088, 8092
Khalid, S. 3990
Khalil, H. E. 1948, 5423
Khalil, I. A. 6890
Khamparia, N. K. 369
Khamparia, R. S. 2607
Khan, A. 6342
Khan, A. A. 5571
Khan, A. H. 6899, 7804, 8818, 8892
Khan, A. N. 622
Khan, A. Z. 6343
Khan, B. H. 9064
Khan, G. D. 248
Khan, H. 680
Khan, H. R. 2291, 5528
Khan, I. A. 1927
Khan, J. 501
Khan, M. 1479
Khan, M. A. 935, 7357
Khan, M. A. A. 7613
Khan, M. G. 356
Khan, M. K. 7320-7321
Khan, M. M. 349, 1392, 2672
Khan, N. A. 1996, 2635-2636, 5973
Khan, R. A. 2607, 3078, 3942, 7675, 9357
Khan, R. U. 1996
Khan, S. 97, 656
Khan, S. A. 7881
Khan, S. U. 7256
Khan, T. 501, 4882
Khan, T. N. 7570
Khan, W. S. 7673
Khanam, D. 3147
Khanam, D. 5198
Khanbari, O. S. 7651
Khanda, C. M. 4678, 7547
Khandekar, M. L. 5611
Khandkar, U. R. 2075
Khangarot, S. S. 4897
Khanna, K. R. 1321
Khanna, Y. P. 9422
Khanpara, V. D. 720, 1089, 1092, 1185
Khanum, A. 7143
Khanvilkar, S. A. 272, 5605
Khanwilkar, S. A. 8973
Khanzada, B. 7357
Khaqan, M. 3606
Khare, A. K. 1083
Khare, D. 4759, 7565
Khare, J. P. 1063, 1278, 6559
Khare, R. B. 7567
Kharitonashvili, E. V. 8786
Kharwara, P. C. 7708
Khashimov, D. A. 3361
Khatik, S. K. 3947, 6722, 6963
Khatisashvili, G. 5466
Khattak, M. J. 508
Khattak, S. G. 508
Khattra, S. 4413
Khavkin, E. E. 5468
Khawas, B. 3232
Khaziev, R. Sh. 5161
Khehra, A. S. 1622, 8915
Khera, K. L. 1482
Khera, R. 69
Khetarpal, S. 453, 1175, 8407
Khetarpaul, N. 1167
Khetmalas, M. B. 8322
Khichar, M. L. 9555
Khidyrova, N. K. 4257
Khippal, A. 5187
Khistaria, M. K. 319, 3379, 8305
Khmelevskaya, I. A. 9363
Khobragade, Y. R. 8241
Khodadadi, M. 8436
Khodyankova, S. F. 9366
Khodzhaeva, N. A. 5296
Khogali, A. 1243
Khokhani, M. G. 8305
Khokhlenko, T. N. 9097
Khokhlova, I. K. 46
Khokhlova, L. P. 6255
Khola, O. P. S. 8542
Kholosy, A. S. 1962
Khor'kov, E. I. 71
Khorn, Dzh. 9324
Khorn, J. 9324
Khorobrykh, A. A. 5709
Khosla, B. K. 7909, 8731, 9384
Khotyanovich, A. V. 9363
Khozhaeva, Z. N. 7208
Khramoĭ, V. K. 4075
Khramtsov, I. F. 8749
Khripach, V. A. 1794
Khristov, I. 6400
Khristov, K. 195-196
Khristova, P. 195-196
Khunthasuvon, S. 302
Khurana, A. L. 1153, 7600
Khurana, J. P. 6240, 6259
Khurana, O. P. 7415
Khurana, S. C. 4934, 6762
Khurana, S. M. P. 9317
Khushu, C. L. 9313
Khusnetdinova, T. G. 1029
Kickert, R. N. 8683
Kidd, B. 7894
Kidrič, M. 740
Kiebooms, L. 56-57
Kiehl, J. de C. 4725
Kiehn, F. A. 654, 1979
Kiepe, P. 7532
Kiepul, J. 6547
Kigel, J. 7523
Kiguchi, J. 6103
Kiiveri, H. 4444
Kijne, J. W. 2220
Kiktev, M. M. 4257
Kikuchi, A. 1076, 3103-3104
Kikuchi, H. 4835
Kikusawa, M. 9282
Kikuta, Y. 7639
Kilasara, M. 7298, 8945
Kildibekov, N. A. 1115
Kil'dibekov, N. A. 9189
Kilifarska, M. 1931
Killi, F. 7701
Kilpatrick, J. B. 9469
Kim, B. H. 521, 2007, 4204, 7629, 9002
Kim, B. J. 126, 5414-5415
Kim, B. K. 5498, 5535
Kim, C. G. 4810
Kim, C. H. 245, 5617
Kim, C. K. 5505, 5513
Kim, C. R. 4952, 5512, 7336
Kim, C. Y. 580, 2371, 4782
Kim, D. 6709
Kim, D. H. 4558, 4810, 5397
Kim, D. S. 1937, 8972
Kim, D. Y. 344
Kim, E. H. 5559
Kim, E. S. 8504
Kim, H. 4588
Kim, H. C. 4732
Kim, H. J. 1209, 2287, 4021, 7628-7629, 7636, 8437
Kim, H. K. 3827
Kim, H. S. 2372, 5616, 6570-6573, 8215, 8234
Kim, H. W. 4021
Kim, H. Y. 3881-3882, 9011
Kim, I. J. 4992, 9335
Kim, J. C. 5003
Kim, J. D. 2229
Kim, J. G. 128, 2290, 4359, 6442
Kim, J. H. 5500, 5516, 5610
Kim, J. K. 521, 1209, 1231, 4204, 5397, 5559, 6785, 7629, 8437
Kim, J. S. 9008, 9008
Kim, J. T. 126, 368, 5922
Kim, J. W. 4849
Kim, J. Y. 3873
Kim, K. J. 345, 8919
Kim, K. S. 344, 521, 2397, 4021
Kim, K. U. 4767, 9005, 9011
Kim, K. W. 2007, 9011
Kim, M. K. 5652, 6323
Kim, M. S. 8296
Kim, N. Y. 9012
Kim, S. A. 7574
Kim, S. C. 5510, 5514, 5557, 6418
Kim, S. D. 344, 374, 2372, 4781, 5616, 5669, 5685, 6570-6573, 7248, 7465, 8215, 8234
Kim, S. E. 7259
Kim, S. G. 3403
Kim, S. H. 5685
Kim, S. J. 128
Kim, S. K. 1246, 2290, 4558, 5454, 8917
Kim, S. M. 9405
Kim, S. S. 3828, 5501, 5523, 6429
Kim, S. W. 5511
Kim, S. Y. 1209, 1231, 1235, 4961, 7625-7626, 7628, 7636, 8437
Kim, T. H. 2007, 8613
Kim, T. W. 5810
Kim, U. B. 4588
Kim, W. H. 6573
Kim, W. S. 2133
Kim, Y. C. 6785
Kim, Y. H. 679, 5652, 6570-6573, 8234
Kim, Y. J. 5504, 5515
Kim, Y. K. 4778, 7439, 8851
Kim, Y. S. 374, 679, 4021, 6570-6573, 7465
Kim BoKyeong 5498
Kim BongKu 5535
Kim ByeongHyeon 521, 4204, 7629
Kim ByungHo 2007
Kim ByungJoo 126, 5414-5415
Kim ChangYung 580

Kim ChilHyun 5617
Kim ChilRyong 4952, 5512, 7336
Kim ChilYong 2371, 4782
Kim ChungGuk 4810
Kim ChungKon 5505, 5513
Kim DaeHo 4558, 5397
Kim DeogSu 1937
Kim DongHwi 4810
Kim DooYeul 344
Kim EHun 5559
Kim Han Yong 3882
Kim HanYong 3881
Kim HeeKwon 3827
Kim HoChun 4732
Kim HoJung 2287
Kim Hon 4588
Kim HongJae 4021
Kim HongSig 2372, 5616, 6570-6573, 8215
Kim HongSik 8234
Kim HyunJun 1209, 7628-7629, 7636, 8437
Kim HyunWoo 4021
Kim IkJe 4992, 9335
Kim JaeCheol 5003
Kim JaeWhune 4849
Kim JangYong 3873
Kim JeKyu 5559
Kim JeongKam 1209
Kim JeongKan 521, 1231, 7629
Kim JinHee 5500, 5610
Kim JinHo 5516
Kim JongDeok 2229
Kim JongGon 128
Kim JongGu 2290, 4359
Kim JongTae 368, 5922
Kim JungKan 4204, 6785, 8437
Kim JungKon 5397
Kim JungTae 126
Kim KeeSik 344, 2397
Kim KiJung 345
Kim KilUng 9005
Kim KiWon 2007
Kim KwangSil 4021
Kim KwanSoo 521
Kim MinKyun 6323
Kim MyoungKi 5652
Kim SangGon 3403
Kim SangSu 3828, 5501, 5523, 6429
Kim SeokDong 344, 2372, 4781, 5616, 5685, 6570-6573, 7248, 8215, 8234
Kim SiJu 128
Kim SokDong 374, 7465
Kim SongMun 9405
Kim SooHee 5685
Kim SooKyung 1246
Kim SoonChul 5510, 5514, 5557, 6418
Kim SoonKwon 5454, 8917
Kim SukAm 7574
Kim SukDong 5669
Kim SukWean 5511
Kim SuKyeong 4558
Kim SungEun 7259
Kim SungYeul 1209, 1231, 1235, 4961, 7625-7626, 7628, 7636, 8437
Kim SunKwan 2290
Kim TaeHwan 2007
Kim TaeWan 5810
Kim UBom 4588
Kim WanSeok 2133
Kim WookHwan 6573
Kim YangKil 8851
Kim YongHo 6570-6573, 8234
Kim YongJae 5504, 5515
Kim YouChul 6785
Kim YoungKoo 4778, 7439
Kim YoungSin 4021
Kim YulHo 679, 5652
Kim YunSun 374, 679, 6570-6573, 7465
Kimball, B. A. 87-88, 855, 2788
Kimbi, G. G. 1611
Kimerle, R. A. 2304
Kimura, Y. 330, 1708, 4055, 9197
Kin, A. G. 953, 2161
Kinet, J. M. 4706
King, A. J. 810, 816, 5280
King, C. A. 4761, 7424
King, L. D. 8758
King, R. P. 6365, 9115
King, S. P. 6894
Kingston-Smith, A. H. 2687, 8073, 8083
Kiniry, J. R. 2348, 8955
Kinnard, R. 6332
Kinnersley, R. P. 4072
Kinoshita, T. 1122, 4821
Kinraide, T. B. 7944
Kira, T. 9045
Kiran Kapoor 5118
Kiranmayee, P. 4873
Kirby, E. J. M. 1864, 2733
Kirby, M. J. 3288
Kirchhof, G. 2446, 2478-2479, 2482, 4141
Kireev, A. K. 7180
Kiresur, V. 2340
Kireycheva, L. V. 7994
Kirichenko, E. 1528
Kirichenko, E. V. 465-466, 468
Kirihata, M. 1708
Kirillova, I. G. 1925, 4978
Kiriziĭ, D. A. 484
Kirk, G. J. D. 4703
Kirkby, E. A. 735, 2600, 4275, 9511
Kirkegaard, J. A. 5135, 7895
Kirkham, M. B. 1031
Kirkova, I. 6592
Kirkpatrick, N. 8764
Kirsch, T. 1117
Kiryushin, V. I. 3918
Kishan Singh 3446, 9465
Kishi, M. 2961
Kishine, S. 295
Kishitani, S. 1019
Kishor, P. B. K. 7733
Kishor, S. 6968, 9482
Kisiel, R. 3601, 3697
Kislin, Y. N. 405
Kislyuk, I. M. 3667
Kiss, E. 5286
Kiss, J. 1892
Kissiedu, A. F. K. 8464
Kita, A. 6008
Kita, T. 1909
Kitaeva, L. I. 7235, 8755
Kitagata, M. 4080
Kitagawa, H. 9051
Kitahara, K. 5846
Kitajeva, L. I. 7235
Kitamura, S. 4118
Kitamura, Y. 7406
Kitano, J. 9027
Kitano, M. 2563
Kitchen, N. R. 2888, 5608, 8688
Kitczak, T. 2844
Kitoh, M. 3941
Kitou, M. 9499
Kiuchi, M. 204
Kiyosaki, T. 7117
Kiyota, H. 563, 3001
Kiyota, M. 1295
Kizuka, T. 7355
Kjelgaard, J. F. 557, 7833
Kjellbom, P. 3515
Kladivko, E. J. 159
Klaij, M. C. 2350
Klair, S. 835
Klämbt, D. 1406, 3781, 5471
Klar, A. E. 4597
Klarskov, K. 6001
Klasa, A. 9206
Kleeberg, P. 6097
Kleemola, J. 149, 2358, 3640, 4577, 4985
Kleiman, R. 9529
Klein, M. 2420, 8007
Klein, V. A. 2885
Kleinhenz, V. 1051, 9107
Kleinkopf, G. E. 5838, 7652
Klemenčič, S. 2030
Klepko, Yu. N. 2339
Klepper, B. L. 3565
Klepper, J. 6812
Kleppinger-Sparace, K. F. 3187, 4817
Kler, D. S. 4525, 8718
Klerk, G. J. de 6120, 6146
Klessig, D. F. 5142, 6479, 6933
Klikocka, H. 6192, 6636
Klima, K. 715
Klimczuk, B. 4327
Klimont, K. 4769
Klimov, V. V. 5709, 8328
Kling, J. G. 8891
Klingler, J. 7590
Klingner, B. 3408
Kliutchko, V. 8736
Klocke, N. L. 2942
Kloepper, J. W. 3179
Klonsky, K. 5015
Kloppstech, K. 7193, 8014
Klõšeiko, J. 4102
Klötzli, F. 7384
Klucas, R. V. 1104
Kluchareva, E. A. 7969
Kluge, M. 3653
Kluitenberg, G. J. 177, 8898
Kluson, R. A. 6699
Klyachko, N. L. 8349
Klyachko, Yu. A. 3321
Klyuchko, V. P. 7057
Kmecl, V. 1463
Kmiecik, K. 8353
Kňákal, Z. 7899
Knapp, M. C. 7804
Knapp, W. W. 1428
Kneipp, J. F. 2732
Knight, B. E. A. 6983
Knight, H. 1409
Knight, M. 1409, 1643, 2808
Knight, M. R. 5152
Knight, T. O. 309
Knoblauch, S. 4417
Knorpp, C. 1924
Knott, C. M. 400, 1421
Knott, D. R. 58
Knowles, N. R. 3319
Knowlton, J. L. 6851
Knox, J. P. 4460
Knox, R. E. 6223
Knudsen, K. E. B. 7996
Knyazev, A. V. 361
Ko, J. M. 127
Ko, M. S. 98-99, 5397
Ko JongMin 127
Ko MooSoo 5397
Ko MuSu 98-99
Kobashi, K. 3180
Kobata, T. 3870
Kobayashi, H. 3886, 5536
Kobayashi, K. 288, 800, 3522, 3576, 4080, 7341
Kobayashi, M. 748, 3855
Kobayashi, S. 3576
Kobayshi, K. 6613
Kobrehel, K. 66
Koc, J. 3493, 3697
Kocaçalışkan, İ. 3221
Koch, B. 8859
Koch, H. J. 1195, 1877, 1884, 2484
Koch, J. L. 1928
Koch, K. 1642
Koch, K. E. 734
Kocher, M. F. 292
Kochian, L. V. 1108, 4575, 8334
Köchl, A. 5337
Kochubeĭ, S. M. 4382
Kochubei, S. M. 1636
Kočík, K. 1417
Kočiščáková, A. 3487
Kock, J. 1097
Köckenberger, W. 638, 4277
Kocoń, A. 5732
Kocsis, M. G. 1398
Kocsy, G. 4630
Koda, Y. 8665
Koebner, R. M. D. 5358
Koeppe, M. K. 7868
Koerselman-Kooij, J. W. 393, 8329
Koetz, E. A. 5135
Koga, T. 1745
Kogan, M. 8284
Koh, M. H. 4810
Koh MunHwan 4810
Kohale, S. K. 1253, 8473
Kohashi Shibata, J. 7512
Kohashi-Shibata, J. 9227
Kohl, D. H. 8283
Köhler, M. O. 5235
Kohli, R. K. 475
Kohn, H. 5745
Köhn, S. 232
Kohyama, K. 4756
Koide, T. 3823, 8980
Koide, Y. 8590
Koike, H. 2369, 8145
Koike, T. 2085
Koizumi, K. 8991
Koizumi, M. 2218
Koizumi, N. 1330
Kojima, H. 8989
Kojima, M. 6119
Köksel, H. 2830
Kokubun, M. 5668-5669
Koláčná, L. 2621
Kolak, I. 3952, 6096
Kolala, R. R. 8492
Kolar, J. J. 6680-6683
Kolawole, A. 2328
Kolawole, G. O. 9274
Kolbe, H. 3322-3323, 7643, 7645
Kolberg, R. L. 5608
Kolek, L. 8630
Köleli, N. 6548
Kolesnichenko, A. V. 1541
Koleva, A. P. 4394
Koley, S. 5806
Koli, B. D. 4077-4078, 9221
Kolić, B. 2756
Koller, D. 1137, 7517
Kolli, V. S. K. 5148
Kollist, H. 2433
Kollmann, R. 5201
Kolnes, A. G. 1566
Kolník, B. 6304
Kołodziej, Z. 2539
Kolomiets, A. P. 482
Kolomiets, V. N. 3295
Kolomiĭtsev, F. B. 2704
Kołpak, R. 2370
Kolte, T. B. 7571-7572
Kol'tsova, N. V. 6656
Kolupaev, Yu. E. 82
Komada, C. 9014
Komaki, K. 9339
Komarova, E. N. 8798
Komatsu, S. 1005, 1010, 5545, 5547, 9052
Komatsu, T. 3923, 6532
Komatu, M. 7066
Komor, E. 638, 4277, 6053, 6056
Komori, H. 3587
Kon, K. 2973
Kon, S. 7346
Konabe, B. 4206
Konan, N. K. 5849
Konda, C. R. 5345
Kondo, J. I. 1258-1260, 7666
Kondo, N. 414
Kondracka, A. 9222
Kondrashova, M. D. 117
Koné, M. 9492
Kong, C. H. 8158
Kong ChuiHua 8158
Konieczny, G. 4003
König, O. 558
Konig, O. 417
König, S. 7487
König, U. J. 728
Koning, G. H. J. de 4973
Konishi, T. 4064
Konno, K. 4391
Konno, S. 2305
Kono, Y. 1709, 3847, 3856, 9028, 9253
Kononenko, N. V. 71
Kononov, A. S. 463
Kononowicz, A. K. 2029, 7754
Konovalov, A. I. 5161
Konrad, A. 1075

Konstantinova, T. 3758
Kontos, F. 1186
Kontseva, R. D. 5374
Konyukhova, N. S. 71
Koo, B. C. 2133, 4574
Koo, H. J. 6840
Koo, S. J. 2912
Koo BonCheol 2133, 4574
Koo HyunJin 6840
Kool, Y. M. 8220
Kooman, P. L. 2544-2545, 2550, 4972
Koopman, R. 180
Koós, L. 215
Koot-Gronsveld, E. A. M. 7638
Kopeć, M. 3496, 6282
Koper, R. 332, 5807
Kopka, J. 7648
Köpke, U. 4836
Kordyum, E. L. 6783
Kordyum, V. 8951
Korea Republic, Rural Development Administration 2725
Koren'kov, V. D. 1866, 8375
Koria, R. G. 3168
Koribidis, J. 2002, 2628, 7730
Korkmaz, C. 2894
Kormilitsyn, V. F. 7394
Kornas-Czuczwar, B. 5807
Korndörfer, G. H. 6042, 8602
Korobeinikov, N. I. 5215
Koroleva, O. A. 6317
Korr, V. 531
Korte, F. 5466
Korthout, H. A. A. J. 860, 1538
Korva, J. T. 3328, 7650
Kosaki, T. 206
Kosar-Hashemi, B. 3635
Koscelny, J. A. 1486, 7936
Kościelniak, J. 1516-1517
Kościelniak, J. 2263
Kościelniak, J. 9216
Kościk, B. 4327, 4329-4330
Kosegarten, H. 4704
Kosemura, S. 3687, 6692
Kosenko, N. N. 361
Koshiba, K. 9054
Koshiba, M. 800
Koshta, S. K. 7533
Kośla, T. 1542
Kosmas, C. S. 6271
Kossowski, J. M. 4644-4645
Kostin, V. V. 5304
Kostov, P. T. 853
Kostova, I. 7751
Kostrej, A. 2797
Kostyshin, S. S. 1221
Kostyuk, A. N. 147
Kostyuk, V. I. 2521
Koszański, Z. 6293
Kőszegi, B. 7983
Kosztołowicz, T. 1401
Kotake, T. 5408
Kotaru, M. 8152
Kotecha, P. M. 5336
Kotecki, A. 8221
Koteva, V. 3743-3744
Kothandaraman, G. V. 2449
Kothari, R. M. 1474
Kothari, S. L. 3065, 6258
Kothekar, V. S. 9258
Kotik, Zh. A. 3689
Kotluyarov, N. S. 7244
Kotowska, J. 6770
Kots', S. Ya. 9269
Kotschi, J. 5191
Kotyk, A. 2497, 4156, 4909-4911
Kou, C. L. 7922
Kou ChangLin 7922
Koubová, J. 1880, 1890, 4156, 4909-4911, 9295
Koukios, E. G. 9070
Kouko, W. O. 8962
Koullas, D. P. 9070
Kouno, K. 3497
Koupeur, T. 4698
Kourie, J. I. 862
Koussoulaki, A. 5241
Kovač, M. 4199
Kovačev, L. 4923
Kovačević, V. 3279
Kováčik, P. 2853
Kováčová, M. 1893
Kovacs, G. T. 269
Kovács, P. 9428
Kovakoski, T. 7686
Kovalenko, V. E. 190, 6355
Kovar, J. 5887
Kovar, J. L. 3404, 8982, 9000
Kovtunovych, G. 8951
Kowalczuk, J. 420, 4763, 7412
Kowalenko, C. G. 751
Kowalski, B. R. 8807
Kowata, H. 6463-6464
Kowata, M. 3103-3104
Köycü, C. 8895
Kozak, L. 3688, 3693, 5293
Kozak, L. M. 58
Kozak, M. 8221
Kozaki, A. 2638
Kozik, A. 1651
Kozikowski, A. 5394, 6306, 9209, 9275
Kozlova, V. I. 6972
Kozłowska, H. 4142
Kozłowska, H. 9409
Kozłowska, M. 1861
Kozub, G. C. 1811, 8765
Kozyrovska, N. 8951
Kraak, H. L. 1099
Kraalingen, D. W. G. van 5208
Kraepiel, Y. 7847
Krall, J. M. 772
Kral'ovič, J. 1881
Kramarev, S. M. 2741, 6355
Krapfenbauer, A. 5223
Krasniuk, I. 9289
Krasowicz, S. 8752
Kratochvil, R. J. 34
Kratovalieva, S. 2807, 2842, 2870
Krause, K. P. 4965
Krausgrill, S. 685
Krausko, A. 2612, 3487
Krausková, T. 2612
Krauss, M. 7816
Krausz, R. F. 1593
Kraütler, B. 4395
Krautwig, B. 1746
Krauze, A. 6185
Krawczyk, M. 1554
Křečková, J. 4156, 4910-4911
Krefft, R. 4183
Kreft, I. 9439
Kreibaum, A. 7293
Kreig, D. 5887
Krejsl, J. A. 3685
Krekel, F. 3770
Krell, T. 1109
Krens, F. A. 3289, 4170
Krenz, D. C. 6593
Krenzer, E. G., Jr. 1486, 5258
Kretikov, T. 2062
Kreuz, K. 1395, 3126, 8007
Kreuzman, J. 3176-3178
Krężel, R. 3696
Krieg, A. 4449
Krieg, D. R. 1956, 5058, 5065
Krishan Chandra 3144-3145, 5802
Krishan Kumar 1482
Krishna 1148
Krishna, A. 8373
Krishna, K. G. 5629
Krishna, P. 6896
Krishna Sharma 1752
Krishnadoss, D. 2588
Krishnakumar, L. 8139
Krishnamurthi, V. V. 8526
Krishnamurthy, K. V. 8492
Krishnamurthy, M. N. 5112
Krishnamurthy, N. 1041, 1765
Krishnamurthy, V. 5995, 5998, 7756
Krishnan, H. B. 1190
Krishnan, P. 1710, 7313
Krishnan, S. M. 987
Krishnappa, K. S. 1926, 8446, 8453
Krishnappa, M. 6942
Krishnasamy, R. 6441, 8188
Krishnasamy, V. 4870
Kristek, A. 3279
Kristensen, I. S. 6130
Krivtsov, G. G. 71
Kroes, S. 2652
Krogh, L. 5596
Królikowski, Z. 212
Kroonen-Backbier, B. M. A. 6541
Kroonenberg, P. M. 824
Kropff, M. J. 1714, 1724, 2320, 5556, 6510, 9556
Kropp, B. R. 5272
Kroschel, J. 1632, 4838, 7504
Krouglov, S. V. 1747
Krowicki, R. S. 6839
Krstić, B. 4923
Krstić, M. 4542
Krüger, G. H. J. 5154
Krüger, K. 5969, 8503
Krugova, E. D. 395, 465, 6661
Kruk, B. C. 5302
Kruk, J. 3432
Krukelmann, E. 9364
Krumbiegel, D. 5969
Krunić, V. 3283, 3291-3292
Krupa, S. V. 8683
Krupa, Z. 425, 2427
Kruse, E. 7193
Kruszelnicka, U. 6290
Krylova, L. F. 221
Krylova, V. V. 1866
Krymskaya, O. N. 395
Kryzanowski, L. 7810
Krzymuski, J. 9543
Krzyzanowski, F. C. 8216, 8297
Krzyżanowski, R. 7746
Kshirsagar, A. R. 658
Ku, J. H. 4854
Ku, M. S. B. 1562, 6385
Ku JaHyeong 4854
Kuang, C. G. 4272
Kuang, T. Y. 396, 1523
Kuang ChangGui 4272
Kuang TingYun 396, 1523
Kubde, A. B. 717
Kubica, Š. 2915
Kubicka, E. 4313
Kubinec, S. 6299
Kübler, E. 1608, 1742
Kubota, F. 3869, 4108, 5552, 6469, 6481
Kubota, M. 9229
Kuboyama, T. 4339
Kubsad, V. C. 8229
Kubsad, V. S. 323, 3030, 5084, 5607
Kucińska, K. 1886, 2386
Kück, P. 4549
Kücke, M. 6097
Küçükakyüz, K. 4504
Kudo, K. 1704, 2881, 2971, 2991, 3010
Kudo, M. 998
Kudoyarova, G. R. 73, 5354, 7978
Kudryavtseva, N. M. 7811
Kuduk, C. 6307
Kuhad, M. S. 3234, 3249
Kuharchuk, P. 8951
Kühbauch, W. 8018
Kuhlmann, H. 5157, 6016
Kühn, C. 1226
Kühn, G. 5987
Kuhn, M. 7687
Kuhn, W. 4446
Kuiper, P. J. C. 2698
Kuk, Y. I. 284-285, 5646, 9006, 9009-9010
Kuk Yongln 5646
Kukadia, M. U. 4361
Kukkonen, M. 7166
Kukreja, A. K. 2009
Kukresh, S. P. 9366
Kukuła, S. 8752
Kukushkina, M. A. 3622
Kulaeva, O. N. 887-888, 1182, 1442
Kulagina, N. N. 8667
Kulandaivelu, G. 1838-1840, 2450, 9242
Kulaz, H. 9260
Kulhare, P. S. 2607
Kulig, B. 5706, 6664
Kulík, D. 3487
Kulik, G. A. 4908
Kulkarni, A. V. 8492
Kulkarni, J. H. 5679
Kulkarni, S. S. 5944
Kullaya, I. 8945
Kulmi, G. S. 6160
Kulwant Lal 69, 8760
Kumagai, T. 1025, 3885, 7361, 9339
Kumakov, V. A. 3637
Kumar, A. 1229, 1275, 4376, 4755, 7789, 8729, 8731, 9384, 9415
Kumar, A. R. 5629
Kumar, B. 979
Kumar, B. S. D. 4125
Kumar, B. V. 6432
Kumar, D. 258, 2749, 4207
Kumar, G. N. M. 3319
Kumar, H. 9198
Kumar, K. 1482, 5704
Kumar, M. 7531
Kumar, M. D. 5167, 8029, 8530
Kumar, M. U. 3642
Kumar, N. 281, 1082, 3826, 4207, 7506
Kumar, P. 449, 821, 2997, 3424, 5128, 6912, 6920, 6927
Kumar, P. A. 7953
Kumar, P. H. 5990, 5993, 6038
Kumar, P. P. 5839
Kumar, P. V. 1973
Kumar, R. 43, 1311, 6457, 6564, 7913, 8079, 9464
Kumar, R. M. 9478
Kumar, S. 1851, 2821, 5115, 5775, 7913, 8200, 8562, 8820, 9248
Kumar, S. C. R. 8104
Kumar, S. N. 2451, 3789, 8938
Kumar, V. 258, 470, 3337, 4746, 4891, 5119-5120, 5769, 7740, 8924, 9458
Kumar, V. J. F. 259
Kumaraswamy, K. 5178
Kumaravelu, G. 1777
Kumaresan, R. 8363
Kumari, P. 5128, 8820
Kumari, T. S. 9073
Kumawat, B. L. 8558
Kumawat, S. M. 8187
Kumbhar, D. D. 5763, 9064
Kumbhojkar, B. D. 310, 337
Kummerová, M. 5404
Kundagrami, S. 7531
Kundu, B. S. 3234
Kundu, G. G. 3979
Kundu, N. 6512
Kundu, S. 261, 342, 2038
Kuniata, L. S. 3455
Kunikata, T. 3124
Kunjibettu, S. 4775
Kunz, C. 8586
Kunze, M. 7618
Kuo, S. 157, 7801
Kuo, S. F. 9520
Kuo, T. M. 6588, 9130
Kuo, T. Y. 7448
Kuo, Y. C. 6430
Kuo ShengFeng 9520
Kuo TeiYei 7448
Kuo TsungMin 6588, 9130
Kuo YihChuan 6430
Kupchak, T. V. 6396
Kupčová, L'. 3504
Küpper, K. 8451
Kuppinger, O. 2919
Kupryszewski, G. 4136
Kuranova, I. P. 1865
Kuraś, M. 9409
Kuraszkiewicz, R. 9530
Kurata, A. 8152
Kurchania, S. P. 1481, 3105, 3112, 9119
Kurcz, S. 3759
Kurdali, F. 452
Kurdikeri, M. B. 907, 4641

Kurepa, J. 7755, 7757
Kuriha, N. 7513
Kurihara, H. 5393
Kurika, L. M. 4214
Kuriki, M. 3587
Kurisaki, A. 3135
Kuriyama, A. 5550
Kurmi, K. 251
Kurmvanshi, S. M. 3964, 6554, 6559, 7905
Kurniawati, P. 348, 7428
Kurochkina, L. L. 360
Kuroda, E. 1687, 2983, 8151, 8998
Kuroda, H. 3180
Kuroda, M. 7117
Kuroiwa, H. 7294
Kurokawa, J. 9057
Kurosawa, K. 3285
Kurt, O. 9379
Kurtinecz, P. 1
Kurtz, M. 2598
Kurtz, M. E. 1970
Kurulenko, V. M. 7631
Kuruppuarachchi, D. S. P. 4968
Kuruvila Varughese 7209
Kuruvinashetti, M. S. 8539
Kush, A. K. 9038
Kushari, D. P. 714
Kushnak, G. 133
Kushnak, G. D. 6225, 7078, 8850
Kushnarev, D. F. 8491
Kushwah, H. S. 6087
Kushwah, S. S. 8219
Kushwaha, H. S. 2050, 7212
Kusio, M. 6098
Kusku, H. 6424
Kusman, N. 2519
Kusnetsov, V. V. 1182
Kusuda, O. 9001, 9051
Kutschera, U. 864
Kutsuzawa, T. 2392
Kuusk, A. 1086, 8428
Kuwabara, T. 8967
Kuwajima, K. 7192
Kuykendall, L. D. 4787
Kuz'menko, L. M. 53
Kuz'menko, N. N. 9365
Kuzmenko, N. N. 9365
Kuznetsov, V. K. 3689
Kuznetsov, V. V. 4263, 7762, 9297, 9361
Kuznetsova, M. A. 1916
Kvasnyuk, N. Ya. 1222
Kvasyuk, E. I. 9301
Kvesitadze, G. 5466
Kvist, M. 4556
Kwaad, F. J. P. M. 167
Kwag, J. H. 6442
Kwak, K. S. 3856
Kwak, S. S. 1246
Kwak Kang Su 3856
Kwak SangSoo 1246
Kwant, R. 4843
Kweon, S. J. 126-127
Kweon SoonJong 126-127
Kwesiga, F. 2878
Kwieceń, J. 7245-7246
Kwon, B. S. 3403, 5911
Kwon, J. B. 4952
Kwon, J. K. 5003
Kwon, J. R. 4952
Kwon, O. D. 5511, 5646, 9002
Kwon, S. W. 7732
Kwon, Y. W. 5561, 6489, 8972
Kwon ByungSun 3403, 5911
Kwon JongRak 4952
Kwon JoonKook 5003
Kwon JungBae 4952
Kwon OhDo 5511, 5646
Kwon SungWhan 7732
Kwon YongWoong 5561
Kwun, K. C. 345
Kwun KyuChil 345
Kyei-Boahen, S. 4201
Kyuma, K. 206
Kyurkchiev, S. 7195
Laakkonen, T. T. 6856
Laanest, L. 6015
Laar, H. H. van 2107
Laats, M. M. 9224
Labana, K. S. 1766, 8316, 9403-9404
LaBorde, C. M. 8386
Łabuda, S. 6543
Lacape, J. M. 2590
Lacasa, A. 7108
Lacey, A. E. 5217
Lacey, D. J. 668
Lachaâl, M. 4128
Lachapelle, G. 1535
Lacko-Bartošová, M. 3472
Lacuesta, M. 7262
Ladewig, E. 1878, 7611
Ladha, J. K. 2275, 6511, 6962
LaDon Day, J. 1993, 5448
Ladonin, V. F. 6184, 7390, 8742
Lafarga, C. 5785
Lafiandra, D. 78, 838, 6265
Lafitte, H. R. 4629
Lafond, G. P. 6164, 6172
Lafta, A. M. 2548
Laghetti, G. 7928
Lagôa, A. M. M. A. 3014
Lagouarde, J. P. 2793, 2817
Lagrimini, L. M. 3434
Lahiri, A. N. 7593, 9270
Lahiri, K. 1793
L'ahučký, L. 757
Lahuta, L. B. 7588
Lai, K. L. 3164
Lai, M. G. 6822
Lai, M. H. 6430
Lai, Y. C. 3329, 3334, 6788
Lai, Z. Y. 1272
Lai KwanLong 3164
Lai MingGang 6822
Lai MingHsing 6430
Lai YungChang 3329, 3334, 6788
Lai ZhanYun 1272
Laible, B. 5159
Laidman, D. L. 4862
Laisk, A. 392
Lajpat Rai 9076
Lajudie, P. de 4679
Lakatos, L. 4528
Lakhan, R. 8440
Lakhani, J. P. 4759
Lakhanpal, K. D. 5817
Lakhera, M. L. 8409
Lakkineni, K. C. 2013, 2016, 7737, 7953
Lakpale, R. 1686, 2011
Lakra, B. S. 1223
Lakshmamma, P. 372, 441-442
Lakshmanachary, A. S. 9244
Lakshmanan, K. K. 3265
Lakshmi, M. B. 5083, 7690, 8506
Lakshminarayana, R. 5996-5997
Lakudzode, P. S. 5934-5935
Lal, A. 1562
Lal, J. K. 2374
Lal, K. 69, 2033, 2051, 3054, 7925, 8735, 8760
Lal, M. 2158, 8108
Lal, N. 3463
Lal, R. 3804, 7298, 8945, 8947
Lal, R. B. 4491
Lal, S. 3089, 4935
Lal, S. S. 3315, 4958
Lal, U. 5168
Lalitha, J. 7575
Lalk, J. K. 3089
Lallan Singh 9310
Lallu 3417
Laloi, M. 411
Lalonde, S. 841, 6263
Laloue, M. 1112
Lalramnghinglova, J. H. 3814
Lam, E. 8579
Lamarca, C. C. 5256
Lamarque, A. L. 5696-5697
Lamattina, L. 2154
Lamaze, T. 8673
Lamb, C. 5141
Lamb, J. A. 203, 5493, 8035
Lamb, N. 7840
Lambais, M. R. 2403
Lambers, H. 13, 1525, 2812, 3636, 3665, 7821
Lambert, D. P. 4581
Lambert, W. E. 6852
Lamelas, C. M. 9147-9148
Lamers, J. G. 2884
Lamers, J. P. A. 1732
Lamm, F. R. 172-173, 8892
Lammel, J. 7791
Lammeren, A. A. M. van 936, 9215
Lamond, R. E. 6518
LaMondia, J. A. 1327
Lamondia, J. A. 1915
LaMorte, R. L. 87-88, 855, 2788
Lamsfus, C. 8855
Lan, Z. B. 8135
Lanaras, T. 6239
Lanças, F. M. 5155
Lancaster, M. W. 6680-6683
Lance, R. C. M. 5392, 6335
Lançon, J. 1261
Landau, S. 857
Landeira-Fernandez, A. M. 5465
Landi, S. 5913
Landivar, J. 1958
Landivar, J. A. 3345, 5037, 5864-5865, 6843
Lando, T. M. 2446
Landon, G. 3675
Landsberg, E. C. 1287
Landström, S. 2052
Lane, S. J. 47
Lanetskiĭ, V. P. 1240
Lang, G. A. 2735
Láng, L. 3929
Lang, M. 7753
Lang, Y. Z. 6470
Lang YouZhong 6470
Lange, A. 6659
Lange, C. E. 6285
Lange, J. 2425
Lange, U. 7618
Langebartels, C. 2780, 7860
Langenberg, W. 1216-1217
Langenbruch, G. A. 3316
Langensiepen, M. 1950
Langer, I. 869-870
Langerak, C. J. 9141
Langore, S. B. 5573
Langrová, M. 869-870
Langston, V. B. 286
Langton, S. J. 8237
Lani, E. G. 574
Lanjewar, B. K. 4448
Lanna, A. C. 6590
Lannoye, R. 927
Laosuwan, P. 2368
Lapa, V. V. 7631, 9493
Laparra, H. E. 5954
Lapierre, C. 4195, 5475
Laporte, K. 6005
Lappartient, A. G. 1301, 6892
Lara, D. 4345
Larher, F. 5106, 7729
Larina, T. G. 2353
Lark, M. 8681
Lark, R. M. 900, 7034, 7389, 8689
Larney, F. J. 84, 6191
Laroche, G. 7179
Larqué-Saavedra, A. 8368
Larré, C. 6642-6643
Larsen, L. M. 4111
Larson, J. A. 5042
Larson, L. 5878
Larsson, S. 7616
Lartey, R. 9509
LaRue, T. A. 9202
Lasa, B. 8855
Lascano, H. R. 7116
Lascano, R. J. 1956, 3060
Lasekan, O. O. 3904
Laskowska, H. 1595
Lasović, B. 2755
Lasso, J. H. 4848
Last, P. J. 1888
Lásztity, B. 1612, 5318
Latchana, A. 643
Latchanna, A. 7421, 8307
Lathwal, O. P. 2336
Latinović, J. 3079
Latipova, G. 107
Lauer, J. G. 8882, 9286
Laureles, E. V. 1014, 4660
Laurent, G. C. 1467
Laurenzi, M. 207
Laureti, D. 3963
Lauriano, J. A. 5700
Laurie, S. 6316
Laurière, C. 6002, 8582
Laurila, H. 4424
Laurila, H. A. 85
Laurinavičius, R. 6336-6337
Lauzon, J. D. 5442
Lav Bhushan 8829
Lavado, R. S. 672, 8550
Lavergne, D. 5342
Lavergne, J. 6366
Laverick, R. M. 5259
Lavini, A. 5436
Lavoura Arrozeira 3822
Lavy, T. L. 2985
Lawford, R. G. 6279
Lawlor, D. J. 5055
Lawlor, D. W. 662
Lawrence, P. R. 8026, 8105-8106
Lawson, I. Y. D. 3949
Lawther, J. M. 8810
Laxman, S. 6531
Laxman Singh 7556
Laxmi Chand 5174
Laycock, G. 8866
Layzell, D. B. 1763, 4137, 5254
Laza, R. C. 240, 254
Lazăr, C. 7873
Lazarenko, T. N. 5296
Lázaro, J. J. 1639
Lazarus, C. M. 8065
Lazcano-Ferrat, I. 7519
Lazić-Jančić, V. 5474
Lazof, D. B. 3121
Lazzari, B. 6379
Lázzari, M. A. 1467
Lazzaro, M. D. 1853
Lazzeri, L. 2610
Lazzeri, P. A. 2871
Le Caer, J. P. 8582
Le Deunff, Y. 5725
Le Gouis, J. 1464, 7071
Le Hégarat-Mascle, S. 7031
Le Page-Degivry, M. T. 2615
Le Quintrec, A. 8631
Le Roux, D. J. 829
Lea, E. J. A. 409
Lea, P. J. 2857, 2864, 7186
Leach, J. E. 461
Leaman, M. 3282
Leaver, C. 1924
Lebedeva, G. V. 8786
Lebedeva, T. B. 2768
LeBlanc, J. 2553
LeBlanc, P. V. 5461
Lecain, D. R. 7973
Lechaire, J. P. 7591
Léchappé, J. 7015
Lechinţan, T. 189, 9537
Lechner, W. R. 3057, 3911
Leclerc, D. 3437
Lecoeur, J. 9193
Ledent, J. F. 927, 953, 2161
Ledger, P. E. 6071
Lee, B. H. 679, 3334, 5652
Lee, B. W. 5561
Lee, C. B. 1720
Lee, C. H. 1720
Lee, C. J. 8857
Lee, C. K. 128, 5397
Lee, C. S. 5616
Lee, C. W. 2133, 2758, 6007
Lee, C. Y. 3164
Lee, D. J. 5535, 5542, 5563, 7340
Lee, E. H. 357, 4786, 5363-5364
Lee, E. K. 284
Lee, E. S. 128
Lee, F. N. 4692, 4699, 6416
Lee, H. C. 4602, 6187, 6788, 8912

Lee, H. H. 6442
Lee, H. J. 2229, 5506, 8919
Lee, H. S. 2640, 4781
Lee, H. W. 3554
Lee, I. J. 8196
Lee, J. 3713
Lee, J. H. 128, 5003, 5397
Lee, J. I. 374, 679, 5513, 5559, 7465
Lee, J. J. 2269, 9012
Lee, J. M. 4204-4205
Lee, J. O. 6785
Lee, J. S. 2190, 5506
Lee, J. T. 646
Lee, J. Y. 5511, 7435
Lee, K. B. 2290, 4359, 8851
Lee, K. H. 4986
Lee, K. K. 2454, 9252
Lee, K. S. 5416
Lee, K. Y. 6418
Lee, M. H. 5505, 5513, 5543, 5559
Lee, M. S. 5149
Lee, S. C. 2831, 5500, 5504, 5516, 5610, 5652
Lee, S. F. 8057
Lee, S. H. 2372, 5669, 6570-6572, 8234, 8536, 9140
Lee, S. M. 9098, 9106
Lee, S. W. 7465
Lee, S. Y. 98-99, 344, 3828, 5498, 5501, 5523, 6429
Lee, T. M. 999, 6484
Lee, W. H. 5512, 7336
Lee, Y. 5509
Lee, Y. H. 6570-6571, 6573
Lee, Y. S. 4026, 5397
Lee BingHer 3334
Lee BongHo 679, 5652
Lee ByunWoo 5561
Lee ChauYung 3164
Lee ChinBum 1720
Lee ChoongSik 5616
Lee ChoonHwan 1720
Lee ChoonKi 128, 5397
Lee ChoonWoo 2133, 2758
Lee ChulWhan 6007
Lee DoJin 7340
Lee DongJin 5535, 5542, 5563
Lee EunSup 128
Lee HoJin 2229, 5506
Lee HongSeok 4781
Lee HsinChen 6788
Lee HyeSeung 2640
Lee JaeHan 5003
Lee JaeSaeng 2190
Lee JeangOon 6785
Lee JeongIl 5513, 5559
Lee JeongTaek 646
Lee JongHo 128, 5397
Lee JungIl 374, 679, 7465
Lee JungMyung 4204-4205
Lee JungSam 5506
Lee JungYang 5511
Lee KangSae 5416
Lee KeeYeong 6418
Lee KwangHoe 4986
Lee KyeongBo 2290
Lee KyungBo 4359, 8851
Lee MoonHee 5505, 5513, 5543, 5559
Lee SangChul 5652
Lee SangYang 98-99
Lee SeongWoo 7465
Lee SeonYong 3828, 5498, 5501, 5523, 6429
Lee SheongChun 5500, 5504, 5516, 5610
Lee ShinChan 2831
Lee ShyFu 8057
Lee SukHa 2372, 5669, 6570-6572, 8234, 9140
Lee SungYeul 344
Lee TseMin 999, 6484
Lee WeiHyun 5512, 7336
Lee YangSoo 4026
Lee YaSeong 5397
Lee Yeen 5509
Lee YoungHo 6570-6571, 6573
Leegood, R. C. 1303, 2857, 2864, 7186
Leeuwen, H. van 792
Lefebvre, D. D. 5254
Lefèbvre, M. 3289, 4170
Lefroy, R. D. B. 6360
Leganés, F. 972
Legard, D. E. 547
Legé, K. E. 5035
Legendre, B. L. 3461
Légère, A. 871
Leggett, J. M. 7155
Legman, V. 7075
Legocki, A. B. 480
Legros, J. P. 7152, 9546
Legué, V. 669
Lehane, K. J. 810, 816, 5280
Lehimena, L. 1773
Lehmann, B. 7384
Lehmann, V. 7015
Lehnert, J. 3273
Lei, B. 6394
Lei, T. T. 2085
Leibbrandt, N. B. 700
Leidi, E. O. 8495
Leidreiter, K. 553
Leigh, R. 6316
Leigh, R. A. 835, 894, 1151, 6232, 8375
Leihner, D. E. 1586, 2712, 5002, 5006, 8622
Leinhos, V. 4572, 5410
Leipner, J. 4628
Leist, N. 1440
Leitão, E. 4655
Lejczak, B. 5228, 7752
Lejeune, A. 5179
Lekh Chand 8559-8560
Lellis, T. 5069
Lemaga, B. 2516
Lemaire, G. 6346, 8705
Lemaire, M. 7369
Lemańczyk, G. 9266
Lemerle, D. 1488
Lemmon, B. E. 9037
Lemoine, Y. 2429
Lemos, L. B. 8369
Lenart, S. 3785, 4306
Lencioni, L. 5963
Lendini, M. 6211
Leng, M. 1049
Leng, S. F. 7674
Leng Mei 1049
Leng SuFeng 7674
Lenga, F. K. 7509
Lenné, J. M. 5234
Lennon, A. M. 5653
Lenton, J. R. 7138, 7962
Lenz, R. 8571
León, L. A. 2908
Leonard, D. A. 3097-3098, 3100-3102, 9113-9114
Leonardis, S. de 6786
Leontovich, V. P. 1519
Leopold, A. C. 2688, 6622
Leport, L. 2627
Leprince, O. 931, 1392, 1399
Lerner, H. R. 4741
Leroux, G. D. 8288
Leroy, M. 770
Lescot, J. M. 6521
Leshem, Y. 7500
Leshem, Y. Y. 2698, 7500
Leskošek, M. 1606
Lessman, G. M. 3090
L'Estrange, D. 4278
Leszczyński, B. 7939
Letayo, E. A. 3059
Letelier A., E. 16
Letey, J. 7224, 7275
Letham, D. S. 686
Leto, C. 5134, 6883
Letunova, S. V. 4943
Leung, N. 2175
Leung, P. C. 4110
Leung PakChow 4110
Leuning, R. 4380
Leuschner, K. 3556
Leveque, E. 1194
Levi, M. 7488, 7498
LeVier, K. 1758
Levin, J. B. 8605
Levine, A. 5141
Levy, S. 7484
Lewers, K. S. 5625
Lewin, L. G. 8163
Lewis, K. C. 918
Lewis, M. 3763
Lewis, M. D. 7652
Lewis, M. J. 404, 1111
Lewis, P. 844, 7032
Lewthwaite, S. L. 1910, 5844
Lexa, M. 4405, 5098, 8331
Lhamby, J. C. B. 2670, 3498, 6229
L'Huillier, L. 1638, 3765
Li, A. V. 2092
Li, B. G. 3544
Li, C. 6618
Li, C. D. 8793
Li, C. H. 4250
Li, C. J. 2415, 3269
Li, C. P. 6430
Li, C. Q. 4002
Li, C. X. 2805
Li, C. Y. 3431
Li, D. S. 8361, 8383
Li, F. C. 94
Li, F. G. 6842
Li, F. L. 613, 6842
Li, F. M. 243
Li, F. N. 5311
Li, F. S. 7438, 7443
Li, F. Y. 8978
Li, G. B. 3132, 8512
Li, G. G. 7706
Li, G. L. 5613
Li, G. M. 225, 8067
Li, H. F. 2977, 9406
Li, H. M. 4998
Li, H. Y. 5675
Li, J. 4722, 5564
Li, J. F. 3815
Li, J. K. 3876, 4626
Li, J. R. 627
Li, J. S. 7720, 7968
Li, J. X. 845, 3664, 4840
Li, L. F. 1262, 4722
Li, L. L. 4245
Li, L. R. 2308, 8585
Li, L. Y. 5094
Li, M. 627
Li, M. F. 1308
Li, M. G. 9265
Li, M. H. 3829
Li, M. Q. 413, 3191, 4529
Li, M. R. 4710, 8167
Li, N. 8262
Li, P. H. 1140
Li, P. L. 6459
Li, P. P. 4466, 6338
Li, P. T. 6561
Li, Q. 5635
Li, Q. C. 8996, 9092
Li, Q. K. 6467
Li, Q. S. 4057
Li, R. G. 7920
Li, R. Y. 8478
Li, S. 5293
Li, S. G. 4331
Li, S. H. 6437
Li, S. K. 6389, 8929
Li, S. Q. 151, 5287, 6848
Li, S. S. 8135
Li, S. X. 5287
Li, S. Y. 396, 7308
Li, S. Z. 194
Li, T. G. 6480, 6504
Li, W. 4245
Li, W. F. 8012
Li, W. G. 3443, 7537
Li, W. J. 5638, 6472
Li, W. M. 9373
Li, W. X. 2965, 3652, 7964
Li, X. 2303, 6180
Li, X. B. 2471
Li, X. D. 384, 4809
Li, X. F. 5109, 9412
Li, X. H. 7920, 8821
Li, X. J. 3137, 8268, 9145
Li, X. L. 613, 6323, 8159
Li, X. M. 1691, 3150
Li, X. Y. 948, 4238, 4790, 5102
Li, X. Z. 8600
Li, Y. 799, 1069, 2272, 4337, 4509, 6561, 8301
Li, Y. J. 4331, 6402
Li, Y. L. 5452, 9434
Li, Y. M. 5327, 7016
Li, Y. P. 3431
Li, Y. S. 6494
Li, Y. X. 4633, 6561
Li, Y. Z. 2815, 3900
Li, Z. 6561
Li, Z. D. 635, 3377, 4273
Li, Z. G. 6402, 8082
Li, Z. L. 6561
Li, Z. Q. 2760, 5533, 7030
Li, Z. S. 6845, 7527
Li, Z. X. 7792
Li, Z. Z. 843
Li BaoGuo 3544
Li ChaoHai 4250
Li CharngPei 6430
Li ChunJian 2415, 3269
Li ChunQi 4002
Li ChunXi 2805
Li ChunYing 3431
Li CunDong 8793
Li DeSen 8361, 8383
Li FangMing 243
Li FengLian 613, 6842
Li FengYing 8978
Li FuChao 94
Li FuGuang 6842
Li FuNing 5311
Li FuShan 7438, 7443
Li GengGuang 7706
Li GuangMin 225, 8067
Li GuiBao 3132, 8512
Li GuoLan 5613
Li HeYu 5675
Li HongMin 4998
Li HuaFen 2977, 9406
Li JianKun 3876, 4626
Li JiaXu 4840
Li Jie 5564
Li JieRan 627
Li JinFeng 3815
Li JinSheng 7968
Li JinShu 7720
Li JinXiang 845
Li JiuXing 3664
Li Jun 4722
Li LianFang 1262
Li LinFeng 4722
Li LingLi 4245
Li LiRen 2308, 8585
Li LongYun 5094
Li MeiRu 4710, 8167
Li MiangFeng 1308
Li Ming 627
Li MingGang 9265
Li MingQi 413, 3191, 4529
Li MinHuai 3829
Li Nuo 8262
Li PeiLe 6459
Li PeiTing 6561
Li PingPing 4466, 6338
Li Qiang 5635
Li QingChou 8996
Li QingKang 6467
Li QingShun 4057
Li QiongChan 9092
Li RenGang 7920
Li RuYi 8478
Li ShaoKun 6389, 8929
Li ShengQuan 6848
Li ShiYe 7308
Li ShiYi 396
Li ShuiGen 4331
Li ShunHua 6437
Li ShuQiang 151
Li Song 5293
Li SuZen 194
Li TaiGui 6480, 6504
Li WeiFang 8012
Li WeiGun 7537
Li WeiJun 5638, 6472
Li WeiMing 9373
Li Wen 4245
Li WenXiang 2965
Li WenXiong 3652
Li WenXong 7964
Li Xia 2303

Li XianBi 2471
Li XiangDong 384, 4809
Li XianYong 4790
Li XinHui 7920
Li XinLi 6323, 8159
Li XinYou 948
Li XiuHua 8821
Li XiuJu 3137, 8268, 9145
Li XiuLan 613
Li XiuMei 1691
Li XiZai 8600
Li XueMei 3150
Li XueYuan 4238, 5102
Li XuFeng 5109, 9412
Li Yang 799
Li YangLi 9434
Li YanMing 5327
Li YaoSheng 6494
Li Ying 1069, 4509, 8301
Li YinMing 7016
Li YiPing 3431
Li YongJi 4331
Li YongJun 6402
Li YongXiao 6561
Li YouXiang 4633
Li YouZe 3900
Li YuLing 5452
Li YunZhu 2815
Li ZengLu 6561
Li ZeSheng 7527
Li ZhanQing 7030
Li ZhenShan 6845
Li ZhongGuan 6402, 8082
Li ZhongQin 2760
Li ZhouXin 7792
Li ZongDao 635, 3377, 4273
Li ZongZhi 843
Liagre, B. 4045
Lian, J. M. 4272
Lian, X. M. 8012
Lian, Y. 4184
Lian, Z. R. 7308
Lian JianMin 4272
Lian XingMing 8012
Lian Yong 4184
Lian ZhongRong 7308
Liang, B. 7347
Liang, B. C. 4596
Liang, B. S. 94
Liang, C. Y. 2999
Liang, H. G. 3659, 4191, 4332, 9321
Liang, H. H. 194
Liang, H. M. 2998, 6498
Liang, J. 3802
Liang, J. S. 3782, 4713
Liang, L. S. 3024
Liang, S. L. 8691
Liang, W. S. 4191, 9321
Liang, X. L. 3729
Liang, X. Q. 4032
Liang, Y. 4652, 4727
Liang, Y. L. 4531
Liang, Y. Y. 3850
Liang, Z. 4174
Liang, Z. Q. 9044
Liang, Z. S. 948
Liang, Z. W. 1007
Liang, Z. X. 2927, 5327, 6247
Liang BaoSong 94
Liang Bin 7347
Liang ChengYe 2999
Liang HaiMan 2998, 6498
Liang HouGuo 3659, 4191, 4332, 9321
Liang HuiHong 194
Liang JianSheng 3782, 4713
Liang LienSheng 3024
Liang ShunLin 8691
Liang WuSheng 4191, 9321
Liang XiuLan 3729
Liang XuangQiang 4032
Liang Ying 4652, 4727
Liang YinLi 4531
Liang YiYuan 3850
Liang Zheng 4174
Liang ZhengWei 1007
Liang ZhenXing 2927, 5327, 6247
Liang ZongSuo 948
Liao, C. H. 3329
Liao, G. P. 5094
Liao, P. C. 1642
Liao, X. 7720
Liao, X. L. 981
Liao, Y. 683
Liao, Y. J. 6666
Liao, Z. R. 3019
Liao, Z. X. 2760
Liao ChiaHsin 3329
Liao GuangPing 5094
Liao PaoChi 1642
Liao XianLing 981
Liao Xing 7720
Liao Yi 683
Liao YuhJen 6666
Liao ZhanRu 3019
Liao ZhaoXiong 2760
Liaqat, M. 6899
Liau, E. C. 7448
Liau EngChiau 7448
Libbenga, K. R. 4571
Liberalesso, R. 558
Liboon, S. P. 973, 980
Lichkov, A. 1931
Lichtenberger, O. 9196
Lichtenthaler, H. K. 7753
Lidder, R. S. 3078
Lidon, F. C. 5700
Liebenberg, A. J. 4096
Lieberei, R. 6120
Liebhard, P. 3725, 9284
Lieffering, M. 2214, 2363
Lien, T. J. 712
Lien TaJin 712
Lietavová, J. 2804
Liew, C. L. 2559
Lightfoot, D. A. 6691
Likango, J. D. 3111
Likhozhon, O. Ĭ. 509
Lillo, C. 883-884
Lim, H. T. 2554
Lim, M. S. 1231, 5535
Lim, S. G. 127
Lim HakTae 2554
Lim MooSang 5535
Lim MyungSoon 1231
Lim SeaGyu 127
Lima, J. L. F. C. 3296
Lima, R. D. de 543
Lima e Silva, P. S. 2880
Limberg, P. 7800, 8715
Limongi A., R. 2892
Lin, A. C. 2959
Lin, B. 3163
Lin, C. C. 5544
Lin, C. G. 4751
Lin, C. Y. 6147, 7446
Lin, D. Y. 4751
Lin, F. Y. 8269
Lin, G. H. 6685
Lin, H. 5904
Lin, H. Q. 7013
Lin, J. T. 9374
Lin, J. X. 1079, 8262
Lin, L. 382, 3167, 4038, 4807, 8320
Lin, L. H. 9373
Lin, L. P. 7451
Lin, P. Q. 9373
Lin, R. F. 9438
Lin, R. X. 588
Lin, S. Q. 396
Lin, S. X. 7013
Lin, S. Y. 4712
Lin, T. P. 3129
Lin, W. H. 3884
Lin, W. X. 3850, 4712
Lin, X. 6902
Lin, X. Q. 265, 7798
Lin, X. W. 684, 5992
Lin, X. X. 4032
Lin, X. Z. 3792
Lin, Y. F. 6709
Lin, Y. G. 8600
Lin, Y. H. 999, 1413
Lin, Y. Q. 5169
Lin, Y. Z. 6845
Lin AnChio 2959
Lin Bao 3163
Lin ChengGu 4751
Lin ChienYih 6147
Lin ChuanChi 5544
Lin ChuYung 7446
Lin DaYi 4751
Lin FengYing 8269
Lin GuangHui 6685
Lin HaiQiu 7013
Lin JianXing 8262
Lin JinXing 1079
Lin LiangPing 7451
Lin LiHui 9373
Lin Lu 382, 3167, 4038, 4807, 8320
Lin PeiQing 9373
Lin RuFa 9438
Lin RuXiang 588
Lin ShaoXiang 7013
Lin ShiQing 396
Lin ShouYong 4712
Lin TsanPiao 3129
Lin WeiHong 3884
Lin WenXiong 3850, 4712
Lin XianQing 265, 7798
Lin XiaoXun 4032
Lin XiaoZhong 3792
Lin XueWu 684, 5992
Lin YanQuan 5169
Lin YawHuei 999, 1413
Lin YongZeng 6845
Lin YouGuang 8600
Lindahl, M. 7486
Lindau, C. W. 4726, 8982, 9000
Lindberg, S. 4502
Lindeberg, J. 1896
Lindell, S. D. 6647
Linden, J. P. van der 1876, 2483, 7609
Lindén, S. 2484
Lindow, S. E. 4858
Lindquist, J. L. 1631
Lindsay, J. G. 1109
Lindsey, G. G. 7495
Lindstrom, M. J. 906
Lindwall, C. W. 8765
Lineham, D. J. 206
Ling, B. Y. 6391
Ling BiYing 6391
Lingakumar, K. 1840
Lingle, S. E. 6057
Linkert, G. L. 5310
Linquist, B. A. 3084
Linscombe, S. D. 4647, 5518, 6462
Linton, R. W. 3121
Lioi, L. 1144
Liović, I. 3279
Lipiec, J. 4631
Lipiński, W. 5405
Lipkin, V. M. 888, 3780
Lippert, B. M. 3348
Lippoli, G. 6379
Lips, S. H. 2876, 4202, 7206, 9512
Lipucci di Paola, M. 1822
Lira Junior, M. de A. 5792
Liscum, E. 7497
Lisitsyna, N. A. 46
Líška, E. 3487
Liso, R. 4895, 5205
Lisson, S. N. 1966
Liste, H. H. 232
Lisunov, V. P. 2490
Lithuania, Lithuanian Society for Biochemistry 6151
Little, K. M. 1834
Littlefield, T. A. 8315
Litvinovich, A. V. 7719
Liu, A. M. 2889
Liu, A. Z. 8478
Liu, B. 5147
Liu, B. J. 626
Liu, B. Y. 5891
Liu, C. 5368
Liu, C. C. 3023
Liu, C. G. 2568, 5859
Liu, C. M. 175
Liu, C. S. 2766
Liu, C. Z. 577, 1302, 8994
Liu, D. 1066
Liu, D. H. 8383
Liu, D. J. 9110
Liu, D. S. 4331
Liu, D. Y. 4727
Liu, F. 5102
Liu, F. C. 3334
Liu, F. K. 55, 8808
Liu, F. Q. 6348
Liu, G. D. 3846
Liu, G. F. 8236, 9138
Liu, G. L. 3846
Liu, G. Y. 2745
Liu, H. 8592
Liu, H. L. 6901
Liu, H. X. 3874, 4710, 8167
Liu, H. Y. 6195
Liu, J. 4091, 5102, 6697
Liu, J. D. 1500, 8496
Liu, J. F. 5102
Liu, J. G. 4426
Liu, J. J. 6257
Liu, J. R 1246
Liu, J. Y. 151
Liu, K. S. 3134
Liu, L. P. 851
Liu, P. Y. 2568, 5859
Liu, Q. 6569
Liu, Q. C. 6792
Liu, Q. Q. 4727
Liu, S. J. 3992
Liu, S. L. 243, 2168
Liu, S. M. 2578
Liu, S. X. 3431, 4518, 8592
Liu, S. Y. 2000
Liu, S. Z. 805
Liu, T. H. A. 4977
Liu, T. J. 1272
Liu, T. Y. 3989
Liu, W. D. 614, 8488, 9103
Liu, W. L. 4331
Liu, W. Q. 6935, 8591
Liu, W. S. 4262
Liu, X. 5888
Liu, X. B. 3652
Liu, X. D. 3857
Liu, X. H. 5532
Liu, X. J. 3136
Liu, X. L. 1507, 1645, 2766
Liu, X. M. 6493
Liu, X. Q. 8507
Liu, X. S. 8114
Liu, X. W. 9053
Liu, X. X. 8470
Liu, X. Y. 2829
Liu, X. Z. 1663, 3876, 4626, 4646, 4730, 6231
Liu, Y. 6513
Liu, Y. B. 8564
Liu, Y. G. 5531
Liu, Y. H. 8483
Liu, Y. J. 2255, 4248
Liu, Y. L. 3718-3719, 5857
Liu, Y. T. 4720
Liu, Y. W. 6473, 8636
Liu, Y. Z. 6467
Liu, Z. 1310
Liu, Z. H. 1074, 8069, 9134
Liu, Z. T. 9138
Liu, Z. Z. 3702
Liu AiMin 2889
Liu AiZhen 8478
Liu BangJie 626
Liu BaoYu 5891
Liu ChangZhi 1302
Liu ChaoGui 2568, 5859
Liu ChaZhen 577
Liu ChinChen 3023
Liu ChunMin 175
Liu ChunZeng 8994
Liu CunShou 2766
Liu DaoSheng 4331
Liu DaYong 4727
Liu DeJin 9110
Liu DongHua 8383
Liu FaKui 55, 8808
Liu Fan 5102
Liu FengQun 6348
Liu FuCheng 3334
Liu GuoFan 9138
Liu GuoYing 2745
Liu HengYao 6195
Liu Hong 8592
Liu HongXian 3874, 4710, 8167
Liu HouLi 6901

Liu Jian 4091, 6697
Liu JianGuo 4426
Liu JianJun 6257
Liu JiaYu 151
Liu JinDing 8496
Liu Jing 5102
Liu JingDong 1500
Liu JingFu 5102
Liu KeShun 3134
Liu LiPing 851
Liu PeiYing 2568, 5859
Liu QingChang 6792
Liu QingQuan 4727
Liu QuaYi 5892
Liu Qun 6569
Liu ShaoMing 2578
Liu ShaoYou 2000
Liu ShiLin 243
Liu ShuJuan 3992
Liu ShuLan 2168
Liu ShuXin 3431, 8592
Liu ShuZhen 805
Liu SuXia 4518
Liu TaoJu 1272
Liu TianYu 3989
Liu WanDai 9103
Liu WeiQun 6935, 8591
Liu WenLie 4331
Liu WenSheng 4262
Liu WuDing 614, 8488
Liu XiangDong 3857
Liu XiangLin 1507, 1645
Liu XianSheng 8114
Liu XiaoBing 3652
Liu XiaoZhong 3876, 4626, 4730, 6231
Liu XingLan 2766
Liu XiuJu 3136
Liu XiZhen 1663, 4646
Liu XuanMin 6493
Liu XueQun 8507
Liu XueWu 9053
Liu XueXun 8470
Liu XueYu 2829
Liu YanWen 8636
Liu YingHua 8483
Liu YiTian 4720
Liu YongJiang 4248
Liu YouLiang 3718-3719
Liu YouZhao 6467
Liu Yu 6513
Liu YuLing 5857
Liu YunWu 6473
Liu ZhongTang 9138
Liu ZinHuang 1074, 8069, 9134
Liu ZongZhen 3702
Liutkevičius, G. 8768
Livingston, S. 5037
Lizaso, J. I. 5483
Lloyd, A. 5285
Lloyd, C. W. 4059
Lo, C. P. 4443
Lo, S. F. 6791
Lo, Y. S. 1413
Lo ShuFung 6791
Lo YihShan 1413
Lobato, E. 3945
Löbler, M. 3713
Łoboda, T. 2843
Loboda, T. 7353
Lobréaux, S. 7266
Locci, A. 6211
Locke, D. 6843
Locy, R. D. 6939
Lodeta, V. 2110
Lodh, S. B. 241, 6420
Lodhi, A. 1679, 5323, 6378
Lodkaew, S. 9132
Loebenstein, G. 1242
Loeppky, H. A. 8410
Loers, G. 7951
Loerwald, B. 1172
Loewy, T. 1468, 1557
Logan, B. A. 1286
Loganathan, P. 2217
Loganathan, S. 5690
Logiswaran, G. 2311
Lohani, S. N. 5601
Lohar, D. P. 5707, 8420
Lohnes, D. 8273
Lohse, G. 3199
Loiseau, J. 5725
Lokot', A. Yu. 2595
Lomakka, L. 2052
Lombardi, P. 5137
Lombardi Neto, F. 6567
Lombardo, G. M. 1513, 6208, 6210
Lombardo, V. 4265, 6672
Lommel, C. 8066
Lommen, W. J. M. 9141
Lomović, S. 2792, 4554
Londoño Callejas, J. E. 1028
Loneragan, J. F. 4385, 9132
Long, A. R. 9375
Long, B. G. 4034
Long, D. S. 618, 8750
Long, J. J. 2031
Long, S. P. 2189, 3679, 7149, 8059, 9561
Long, T. 7013
Long BiGuang 4034
Long DeShu 618
Long Teng 7013
Longart, M. 6017
Longer, D. E. 1053
Longmore, R. B. 4135
Longnecker, N. 5791
Longnecker, N. E. 467, 3263
Loon, C. D. van 1210, 4956
Loorbach, J. 6272
Loos, K. 6242
Lopes, A. J. do R. 3237
Lopes, C. A. 4995
Lopes, E. S. 1249, 7563
Lopes, M. S. 4655
Lopes, N. F. 9121
Lopes, S. I. G. 4655
López, A. 25
López, E. 6557
Lopez, F. B. 3251-3252, 7562
López, G. 5718, 5722, 6694
Lopez, M. F. 5076
López, M. G. 2439
López, R. 9294
López-Andréu, F. J. 1816
López-Bellido, L. 1181, 1450
Lopez-Delgado, H. 7863, 9322
López Domínguez, U. R. 3033
López-García de la Serrana, H. 4352
López-Garrido, F. J. 1450
López-Granados, F. 1285
López-Huertas, E. 1106
López-Martínez, E. 4086
López-Martínez, M. C. 4352
López-Mosquera, M. E. 8449
López Pereira, M. 4130
Lopez-Real, J. M. 6187, 8912
Lopez-Valbuena, R. 4126
Löpmeier, F. J. 4936
Lorbeer, S. H. 8748
Lorber, A. 8807
Lord, E. 1423
Lordkaew, S. 3599, 3627
Lorences, E. P. 4052
Lorente-Adame, R. G. 1738
Lorenzen, J. H. 2548, 4955
Lorenzi, R. 1232
Lorenzini, G. 2648, 2822-2823, 3227, 3555, 4101
Lorenzo, C. de 2468
Loretan, P. A. 1245
Lörincová, K. 3504
Loris, R. 4092, 5754
Lorrai, A. 1177
Lörz, H. 1746
Losavio, N. 3909
Loskutova, N. A. 71
Loss, S. P. 7566, 8343-8344
Lotfali Aeineh, G. 7140
Lotfollahi, M. 5282
Lotfy, S. 4186
Łotocka, B. 1867
Lou, A. C. 2992
Lou, C. H. 8476, 9211-9212
Lou, D. R. 1256, 4374
Lou, D. Y. 4716
Lou, Q. Y. 4293
Lou ChengHou 9211-9212
Lou ChunHeng 8476
Lou DengYi 4716
Lou DeRen 1256, 4374
Lou QingYun 4293
Loubser, W. 1440
Loučka, R. 7967
Loučka, Z. 9295
Louguet, P. 1733
Lourduraj, A. C. 2571, 7463, 7476, 8302
Lourens, U. W. 3795
Loux, M. M. 8047
Lovato, A. 4917, 8098
Lovato, A. F. S. 4917
Lovatt, C. J. 7519
Lovatti, L. 9308
Love, S. L. 2557
Loveland, P. J. 9562
Loveleen Arora 4511
Loven, K. van 59, 8775
Lowe, K. C. 5001
Lowell, C. A. 6588, 9130
Loyce, C. 8713
Lozano, J. 9003
Lozano, R. M. 66
Lozano-Rodríguez, E. 3805
Ložek, O. 2763, 3602, 3701, 6361, 6769
Lozovaya, V. V. 1760, 1795, 8502
Lozovsky, L. 8874
Lu, B. 6179
Lu, C. M. 1523
Lu, C. T. 2326
Lu, D. H. 6792
Lu, D. Q. 8910
Lu, G. M. 2811, 5260
Lu, G. Y. 3356
Lu, H. J. 5891
Lu, H. S. 8310
Lu, H. Y. 2326, 6430
Lu, J. L. 4712
Lu, J. Y. 1245
Lu, N. 9497
Lu, P. 6667
Lu, R. F. 292
Lu, R. J. 253, 3829
Lu, S. L. 4708
Lu, S. Q. 615, 7334
Lu, S. Y. 413, 843, 3191
Lu, W. 8208
Lu, W. D. 3407
Lu, X. M. 3267
Lu, X. Y. 6493
Lu, Y. C. 194, 5181
Lu, Y. G. 3857
Lu, Y. L. 2277
Lu, Z. H. 8262
Lu, Z. J. 270
Lu, Z. X. 3912
Lu Bu 6179
Lu ChunTang 2326
Lu CongMing 1523
Lu DianQing 8910
Lu DiHui 6792
Lu GiuYu 3356
Lu GuangMing 2811, 5260
Lu H. R. 9373
Lu HangJun 5891
Lu HaoRan 9373
Lu HsiuYing 2326
Lu HsuiYing 6430
Lu HungShung 8310
Lu JianLin 4712
Lu Ping 6667
Lu RenFu 292
Lu RenJum 3829
Lu RenJun 253
Lu ShanQing 7334
Lu ShaoYuan 843
Lu ShaoYun 413, 3191
Lu ShiLong 4708
Lu ShuangQing 615
Lu Wei 8208
Lu WuDing 3407
Lu XiangYang 6493
Lu XiaoMao 3267
Lu YangChao 194
Lu YaoChi 5181
Lu YongGen 3857
Lu YongLiang 2277
Lu ZengHui 8262
Lu ZhiXiang 3912
Lu ZhongJiao 270
Lübeck, J. 7018
Luca, E. 719, 741, 9287
Lucas, E. O. 4583, 8891
Lucas, M. C. 2592, 5066, 5068
Lucas, M. M. 7591
Lucas, M. P. 2275
Lucas, P. W. 2094
Lucas, R. M. 7026
Lucca e Braccini, A. de 3218, 8260, 8280-8281
Luchese, E. B. 4725
Lucisano, M. 2156
Lück, H. B. 5477
Lück, J. 5477
Ludlow, M. M. 3040
Ludwig, A. 3590
Ludwig, C. 4131
Ludwig-Müller, J. 8952
Lueschen, W. E. 7210, 8047, 8882, 8890
Luethy, M. H. 6644
Lugo, M. de L. 423
Lui, L. H. 2815
Lui LaiHua 2815
Luis, A. 2661
Łukaszewicz, D. 7177, 7198
Łukaszewski, Z. 6742
Lukatkin, A. S. 4423, 6372
Lukin, S. V. 6747
Lukow, O. M. 8765
Luktvasslimo, J. 2851
Lumen, B. O. de 6593
Luna, C. A. 6072
Luna-Orea, P. 1664
Lundkvist, A. 2854, 6312
Lune, P. van 8642
Lunn, G. D. 5278
Lunn, J. E. 4614, 6383, 6894, 7379
Luo, A. C. 8147
Luo, A. L. 4174
Luo, D. L. 1308
Luo, G. H. 8378
Luo, L. Y. 2999
Luo, P. 5109, 9412
Luo, R. B. 3875
Luo, S. M. 4731, 8158
Luo, W. H. 7359
Luo, X. H. 4693
Luo, X. M. 6121, 9144
Luo, Y. 1419
Luo, Y. F. 1269
Luo, Y. K. 6480, 6504
Luo, Y. Q. 8639
Luo, Z. M. 2307, 6493
Luo AiLing 4174
Luo AnCheng 8147
Luo DaLing 1308
Luo GuangHua 8378
Luo LianYuan 2999
Luo Peng 5109, 9412
Luo RuBi 3875
Luo ShiMing 4731, 8158
Luo WeiHong 7359
Luo XiaoHe 4693
Luo XiMing 6121, 9144
Luo YiQi 8639
Luo YouFang 1269
Luo YuKuan 6480
Luo YuKun 6504
Luo ZeMin 2307, 6493
Lupattelli, F. 8362
Lupattelli, M. 2874
Lupu, C. 193, 359, 3700, 3938, 7233, 8214
Lupu, G. 359, 3700, 3938, 7233, 8214
Luque, V. L. 5985
Lur, H. S. 943
Lur HuuSheng 943
Lure'e, A. A. 5371
Lüscher, M. 6326
Lusse, J. 4096
Lusso, M. 5141
Luthar, Z. 9439
Lüthen, H. 2931, 5458
Lutman, P. J. W. 7725, 8517
Lutova, L. A. 405
Lüttge, U. 208, 7204
Luvall, J. C. 4443

L'vov, N. P. 1115, 2876, 5352, 9189
Ly, H. 7030
Ly Hung 7030
Lyamchai, C. J. 7305
Lyford, C. P. 2375
Lykkesfeldt, J. 1320
Lyle, W. M. 5899
Lynch, J. 8660
Lynch, J. P. 4575, 4852, 7023
Lynch, R. E. 1769
Lyndon, R. F. 7138
Lyne, L. 7164
Lyngstad, I. 2851
Lynikienė, S. 2631
Lyon, J. E. 9432
Lyra, M. C. C. P. 5792
Łysak, J. 3657
Lysenko, A. V. 7244
Lysova, I. N. 147
Lyu, S. L. 2554
Lyu SeungLyul 2554
Lyubinetskiĭ, N. N. 113
Ma, B. L. 160, 2934, 3808, 4610, 6319
Ma, C. C. 3776, 6168, 8546
Ma, C. H. 77
Ma, F. M. 3286, 4164
Ma, J. 3819
Ma, J. F. 7268
Ma, J. H. 8870
Ma, J. Y. 4519
Ma, P. M. 55
Ma, Q. F. 5791
Ma, R. K. 805
Ma, S. Y. 6562, 7259
Ma, X. L. 2811, 5260, 6247
Ma, Y. 3290
Ma, Y. B. 929
Ma, Y. H. 6799
Ma, Y. X. 3664
Ma, Y. Z. 51, 7943
Ma, Z. B. 4245
Ma BaoLuo 6319
Ma ChengCang 3776, 6168, 8546
Ma ChunHong 77
Ma FengMing 3286, 4164
Ma JianFeng 7268
Ma Jun 3819
Ma JunHu 8870
Ma JunYing 4519
Ma PingMin 55
Ma QiFu 5791
Ma RuiKun 805
Ma SangYong 7259
Ma ShuYing 6562
Ma XingLin 6247
Ma XiuLing 2811, 5260
Ma YongHua 6799
Ma YongZhan 51, 7943
Ma YuanXi 3664
Ma ZongBin 4245
Maag, W. 7635
Maas, G. 7853
Maas, S. J. 5907, 6849
Maathuis, F. J. M. 836, 3921
Mabberley, D. J. 7889
McAinsh, M. R. 6998
McAndrew, D. W. 1796
McAndrew, R. S. 7679
Macarol, B. 2030
Macas, J. 562
Macbeth, J. E. 5366
McCaig, T. N. 6223, 7979
McCallister, D. L. 6403
McCann, M. C. 8669
McCarty, L. B. 8315
McCarty, R. E. 3184
McCarty, W. H. 3366
Macchiavelli, R. E. 8982, 9000
McClelland, M. R. 612, 3354
McConkey, B. G. 8830
McConnell, J. S. 8480
McCosker, K. J. 6744
McCown, R. L. 8884, 9060, 9489
McCrimmon, J. N. 1943
McCrohan, C. R. 832
McCully, M. E. 2937, 3774, 5469, 8612
McCune, L. M. 4817
McDaniel, H. 7455
McDaniel, K. L. 6691
McDaniel, M. E. 3692
McDermott, G. 5200
McDermott, J. 865
McDermott, T. R. 6702
MacDicken, K. G. 7310
McDonald, A. J. S. 8858
McDonald, G. K. 5282, 5392, 6335
McDonald, G. M. 4980
Macdonald, H. 8655
McDonald, H. G. 4550
McDonald, J. P. A. 2751
McDonald, M. B. 3153
McDougall, G. J. 4336, 7759
Macedo, J. 2112
Macedo, V. R. M. 4655
McFarland, J. E. 2238-2239, 3069
McFarland, M. L. 9491
McGarry, A. 579, 8332
McGhie, T. K. 9454
McGill, N. G. 2043, 2045
McGlade, J. M. 7855
McGlinchey, M. 7784
McGlinchey, M. G. 7772
McGonigle, T. P. 7218
McGovern, M. 160
McGrath, D. E. 2108
McGrath, S. P. 63, 6893
McGrath, V. B. 6254
McGregor, K. 5868
Machado, E. C. 3014
Machado, J. R. 6425, 7318
Macheix, J. J. 3631, 3634
Machelett, B. 5410
Macherel, D. 4822
Machet, J. M. 2152
Machii, T. 8991
Machs, É. M. 3641, 6256
Machul, M. 8905
Macías, F. A. 4294, 7705
Maciaszek, D. 4316
McInerney, J. 7627
McInnes, K. J. 2589
MacIntosh, G. C. 4189, 5826
McIntosh, L. 554, 5139, 9519
McIntosh, M. S. 8880-8881
McIntyre, B. D. 8385
McIntyre, G. 9446
McIntyre, G. I. 1291, 7000
Maciorowski, R. 1515, 8847
Mackay, G. R. 6758
McKee, I. F. 3679, 6888, 7149
MacKenzie, A. F. 1609, 4596, 7265
McKenzie, B. A. 2214, 2363, 2422, 9233
McKenzie, B. M. 7285
McKenzie, C. 1535
McKenzie, D. C. 7659
McKenzie, E. 2187
McKenzie, R. H. 7810
McKeon, T. A. 9374
McKeown, A. 1216-1217
Mackerness, S. A. H. 8342
MacKerron, D. K. L. 4190
Mackevičius, J. 1238, 7728
McKinion, J. M. 3356, 3366, 5059, 5071, 5908, 7680, 9282
Maćkowiak, W. 5387
MacKown, C. T. 51, 7750, 7943, 8075, 9136
Maclachlan, G. 6648, 7484
McLaren, C. G. 1383, 7319
McLaughlin, A. 2710
McLaughlin, C. K. 3197
McLaughlin, M. J. 5823
McLay, C. D. A. 5790
Maclean, D. 9454
McLeod, A. R. 5224
MacLeod, D. A. 2461-2462, 7659
McLeod, J. G. 116, 5376, 5378, 6223
McMahon, M. 8740
McMahon, P. J. 7151
McMaster, G. S. 5329
McMichael, B. L. 620
McMichael, R. W., Jr. 1642
McMillan, L. P. 5835
McMinn, T. A. 4692
McMurrough, I. 3722
McMurry, S. 1928
McMurtrey, J. E. 8296
McNeil, D. L. 5789
McNeill, A. M. 455, 6178
McNicol, J. W. 576
McNiel, S. D. 6052
McPharlin, I. R. 4948
McPherson, R. M. 3114, 3983
McRae, D. 1121
McRae, K. E. 2581, 6821, 6836-6837
Macrì, F. 4048, 4291, 6589
MacRitchie, F. 838
MacRobbie, E. A. C. 6996
McTaggart, I. P. 5287
Mačuha, P. 6277
McVey, D. V. 35-36, 5310
McWilliam, S. C. 1299
Madaan, T. R. 8403
Madan Lal 2158
Madan Pal 3236
Madden, J. P. 9582
Maddonni, G. A. 2251
Maddux, L. D. 178, 3967
Madejón, E. 9294
Mader, J. C. 2394, 4192, 8266
Madera-Torres, P. 4738
Madgwick, S. A. 8256
Madhav Singh 6789
Madhavi, B. L. 6357, 7241
Madhiyazhagan, R. 6624, 8312
Madhoolika Agrawal 5361
Madhu, M. 7869
Madhulety, T. Y. 8099
Madigan, D. 3722
Madju Verma 5361
Madramootoo, C. A. 1592, 7265
Madrid, S. M. 4169
Mądry, W. 1546
Madsen, M. H. 2540, 3303, 3308
Mae, T. 7115
Maeda, M. 317, 5550
Maekawa, A. 7542
Maës, O. C. 2175
Maeshige, M. 2294-2296
Maeshima, M. 5765, 8584
Maestri, D. M. 5696-5697
Maestri, M. 574
Maestrini, C. 650, 1279, 1961, 1975, 8501
Maevskaya, S. N. 9361
Maeyama, K. 2975
Maffei, M. 3527
Maffi, D. 3227
Mafla, G. 6795
Mafongoya, P. L. 7236-7237, 7239
Magadum, D. N. 711
Magalhães, A. C. 3367
Magalhães, A. C. N. 8931
Magar, S. S. 5688
Magarey, R. C. 9442
Magendans, G. W. H. 4073, 4843
Maggiore, T. 8523
Magill, C. 5056
Maglinao, A. 3155
Maglinao, A. R. 306
Magné, C. 897
Mahabari, M. B. 255
Mahabir, C. 5835
Mahadevappa, M. 907
Mahadevaswamy, M. 2651, 5166, 6025, 7769
Mahadkar, U. V. 8973
Mahajan, K. K. 1044
Mahajan, N. 9457
Mahajan, S. V. 9064
Mahak Singh 8562
Mahakulkar, B. V. 3032, 3893-3894, 3899, 4366, 9062
Mahal, S. S. 496, 7315, 7327
Mahalik, P. R. 7547
Mahalle, S. S. 256, 8140
Mahan, J. R. 5030
Mahanta, T. C. 4657
Mahapatra, B. S. 4682
Mahapatra, K. C. 6455
Mahapatra, P. 260
Mahapatra, S. 7531
Mahapatra, S. C. 1764
Mahapatra, S. S. 9452
Maharana, T. 1934
Mahatheeranont, S. 1692
Mahaworasilpa, T. L. 9393
Mahdi, L. 3568
Mahendra Pal 449
Mahendra Singh 8629, 8924
Mahendran, S. 6050
Maherchandani, N. 2026
Maheshwari, A. 1150
Maheshwari, M. L. 5982
Maheshwari, R. 8682
Maheshwari, S. C. 6240, 6259
Maheshwari, S. K. 1843
Maheswaran, M. 2297
Maheswari, A. U. 2268
Maheta, K. B. 4361
Mahi, G. S. 7119
Mahlberg, P. G. 8504
Mahmood, I. 4185
Mahmood, R. 6505
Mahmood, S. 3986
Mahmoud, S. M. 6670-6671
Mahnken, G. W. 4605
Mahomoud, S. K. 2773
Mahrous, N. M. 5365
Mahto, J. L. 9243, 9248
Mahto, R. N. 9243, 9248
Mai, J. Z. 5891
Mai JiaZhang 5891
Maidl, F. X. 531, 2203, 3590, 8022
Maier, K. 1118
Maier, N. A. 5823
Maier, W. 3721, 6553
Maikhuri, R. K. 1374
Mailer, R. J. 5962
Mailhol, J. C. 6521, 7370
Mailu, A. M. 9086, 9347
Mainardi, S. 299
Maiorana, M. 1588
Mair, V. 6014
Maïster, A. A. 113
Maitani, T. 3331
Maiti, R. K. 3033
Maitra, N. 1793
Maitra, S. 3243, 7381, 7460-7461, 9421
Majcherczak, E. 3486
Majdi, H. 4436
Majeau, N. 1789
Majeed, S. A. A. 2773
Majek, B. A. 3978
Majerčák, J. 8957
Majjigudda, I. M. 2828
Major, B. J. 5278
Major Singh 1061
Majumder, A. L. 2322
Makadho, J. M. 2270
Makan, G. R. 9474
Makarenko, O. A. 80
Makarikova, R. P. 7156
Makarova, L. E. 227
Makarska, E. 3616
Makeev, A. V. 1182
Mäkelä, P. 2677
Makepeace, R. J. 7035
Makhwaje, E. 3034
Maki, Y. 5537, 9054
Makino, A. 7115
Makino, T. 4393
Makogon, A. M. 3294
Makolkina, V. P. 7223, 7226
Makonese, F. 4905
Makram, E. A. 5886, 9351
Makridis, C. 7521
Makrypoulias, C. P. 6334
Maksimov, G. 5341
Maksimovas, G. 6250
Maksimović, D. 4542
Maksyutova, N. I. 8723
Maksyutova, N. N. 403
Makus, D. J. 3352
Mala, T. 1613
Malabika Roy 298, 8166
Malagamba, P. 2730

Malagoli, C. 4736
Malaguido, A. B. 3981
Malakouti, M. J. 4950
Malavia, D. D. 720, 1089, 1092, 1185, 3379
Malavika Dadlani 4791
Malavolta, E. 1731, 5583
Maldiney, R. 669, 8657
Maldonado, C. 8815
Maldonado, J. M. 1046
Malenko, V. 7634
Maleš, P. 6074
Malewar, G. U. 5584, 7365
Malhi, N. S. 1622, 8915
Malhi, S. S. 119
Malhorta, S. P. 4511
Malhotra, R. S. 458, 5782
Mali, P. C. 7593
Malichenko, S. M. 465-466, 468
Malik, B. P. S. 7580
Malik, C. P. 5698, 8607-8608, 9238
Malik, G. C. 2743, 8753
Malik, H. P. S. 4737, 7364
Malik, K. A. 1022
Malik, M. A. 6171, 8535
Malik, M. K. 6240
Malik, N. N. 1679, 6378
Malik, R. K. 1483, 1495, 1498-1499, 2879, 3038, 4492, 8724, 8770
Malik, R. S. 1498, 5704, 8774
Malik, S. 6342
Malik, S. K. 4462, 8595
Malik, S. N. 4803
Malik, Z. 7500
Malířová, J. 5612
Malitius, O. 7056, 7211, 7385, 7795
Malkina-Pykh, I. G. 2080-2081
Malkomes, H. P. 7395
Małkowski, E. 3930
Mallarino, A. 2824
Mallarino, A. P. 8091
Mallick, G. K. 7531
Mallick, S. 7225
Mallikarjunappa, S. 8419
Malmberg, G. 3703
Malmström, C. M. 7162
Malone, S. R. 8834
Malthus, T. 7620
Mal'tseva, N. N. 113
Maluf, J. R. T. 4656
Malzer, G. L. 5439, 8034-8035
Mameli, L. 6211
Mamo, T. 4885
Mamta Gautam 2634
Mamushina, N. S. 6992
Man, A. L. 6322
Man Singh 4898, 7735
Manager Singh 8606
Manalo, P. A. 1021, 3018, 4700
Manana, S. V. I. 8605
Manara, W. 3215
Manchanda, H. R. 6906
Mancini Filho, J. 5778
Mandal, A. B. 4482, 8802
Mandal, B. 8150
Mandal, B. B. 5855
Mandal, B. K. 801, 3420, 6970, 7381
Mandal, B. P. 2743, 8753
Mandal, K. G. 9236
Mandal, L. N. 8150
Mandal, N. 1011, 1713
Mandal, P. K. 631
Mandal, S. 1159
Mandal, S. M. A. 3980
Mander, L. N. 404
Mandeshwar, S. B. 3365
Mandhare, V. K. 5701
Mandhata Singh 4107
Mandimba, G. R. 3149, 8907
Mandre, M. 4102
Mandrovskaya, N. M. 406, 6661
Mane, P. M. 7912
Mane, S. S. 9255
Maneesha Singh 3421
Manes, F. 7027
Manga, V. K. 6537
Mangal, J. L. 2473
Mangat Ram 8568
Mangataev, Ts. D. 7633
Mangatajev, Z. D. 7633
Mangave, P. M. 454
Manges, H. L. 171-172, 7804
Manglik, P. 7444
Mangombe, N. 3037, 3046, 3897
Mangush, P. A. 2339
Mani, P. K. 6708
Manian, K. 2388
Manickasundaram, P. 278
Maninder Singh 1622, 8915
Maniruzzaman, A. F. M. 4648, 7548, 7552, 7555
Manjaiah, K. M. 5689
Manjappa, K. 595, 3412, 7459
Mankar, D. D. 1730
Man'ko, A. E. 3294
Mankotia, B. S. 1311
Manlove, R. J. 5040
Manna, M. C. 342, 5443
Mannaf, M. A. 6712
Mannan, M. A. 2441
Manoharan, K. 3865
Manoharan, S. 8130
Manoharan, V. 2217
Manoj Bhargava 2896
Manoranjan Mishra 7544
Manschadi, A. M. 4838, 7504
Mansfield, T. A. 2094
Mansor, M. 2299
Mansur, C. P. 3030, 5084, 5607, 8229
Mantell, S. H. 1946
Manthe, C. S. 3556
Manthey, F. A. 1536, 8857
Mantovani, E. C. 7664, 8183, 8959
Manuel, S. A. 2946
Manuel, W. W. 988
Manuja, S. 2667
Manukian, A. 1266
Manunta, A. 4049
Manzanares, M. 9371
Manzer, F. E. 520, 1908
Manzo, S. K. 9075
Manzoor Qadir 244
Mao, D. R. 3219, 3992, 8149, 9223
Mao, M. F. 7792
Mao, Z. Y. 19
Mao DaRu 3219, 3992, 8149, 9223
Mao MeiFei 7792
Mao ZhiYun 19
Mapelli, S. 9056
Mapes, C. 5160
Mar Albà, M. 4399
Marangoni, A. G. 2558
Marani, A. 779
Marassi, M. A. 5551
Marc, J. 3435
Marche, C. 5725
Marchesan, E. 4655
Marchetti, M. A. 6461
Marciano, N. 8596
Marcinkowska, J. 8244
Marcińska, I. 1516-1517
Marco, D. de 5105
Marcone, M. F. 5132
Marcos, T. F. 2275
Marcos Filho, J. 5680-5681
Marcu, S. 7852
Marcussen, J. 4188
Mardamshin, A. G. 6654
Mardanov, R. G. 3362
Maréchal, E. 7004
Mareck, A. 7684-7685
Marenco, R. A. 9121
Marentes, E. 7586
Marfo, K. O. 8387
Margaris, N. S. 917
Mărghitaş, L. 9576
Mărghitaş, M. 8904, 9494
Mărgineanu, D. 9537
Margono 8020
Mariamma, M. 8165
Marianetti, A. O. 581
Mariani, B. M. 7927
Mariaux, J. B. 7204
Maribona, R. 2048
Marić, S. 3690
Marik, R. 8168
Marimuthu, R. 8191
Marin, D. 7214, 8885
Marín, M. 4874, 7534
Marín Ch., D. 2228
Marín R., C. 2903
Marinari, S. 8913
Marinescu, M. 8089
Maringoni, A. C. 8317
Marinho, H. A. 8467
Marino, A. 1967
Mariotti, M. 2259, 3908, 4389
Mark, U. 5101
Markhart, A. H. 1140
Markhart, A. H., III 7732
Marko, F. 6156
Markov, M. 3990
Markova, T. A. 6108
Markovskaya, E. F. 2091
Markowski, A. 3511
Marks, N. 510
Markwei, C. M. 9202
Markwell, J. 4047
Märländer, B. 1201, 7611
Marley, P. S. 9075
Marlier, M. 9131
Marouelli, W. A. 2070
Marquard, R. 3385, 5157, 6016
Marquardt, J. 6366
Marra, M. 939
Marrero, P. 4363
Marschke, R. J. 7197
Marschner, H. 233, 424, 735, 951, 1732, 1815, 2241, 2782, 2861, 3228, 3799, 7328, 9511
Marshall, B. 576, 1304, 4976, 4990, 5252
Marshall, J. 1788
Marshallsay, C. 3437
Marsolais, F. 8547
Martelli, S. 6213
Martens, D. C. 7328
Mårtensson, A. M. 3193
Marti, A. 5257
Martin, B. 949
Martin, C. 1788, 1911, 2514, 2730, 9516
Martin, C. A. 4890
Martin, C. C. 5090
Martin, F. G. 1365
Martin, G. J. 6934, 7813, 8588
Martin, J. 201, 7669
Martin, J. A. 25
Martin, J. M. 8850
Martin, L. 3256-3257
Martin, L. D. 8344
Martin, M. 7973
Martin, M. L. 1532
Martin, N. R., Jr. 3162
Martin, P. J. 3569
Martin, P. K. 5358
Martin, R. H. 5275
Martin, R. J. 2522, 2531, 8838
Martin, V. L. 6520
Martín Cabrejas, M. A. 1816
Martín-Remesal, C. 2458
Martin-Tanguy, J. 7729
Martinčić, J. 2846, 3690
Martindale, W. 2430, 4088
Martinetti, L. 2376
Martinez, A. 867
Martínez, C. 6694
Martinez, C. A. 574
Martínez, G. O. 4285
Martínez, H. E. P. 3218
Martinez, H. H. P. 8596
Martínez, J. 1125
Martínez, M. 3891
Martinez, M. 7292
Martínez, M. A. 4345
Martínez, M. C. 5713, 5718, 5722
Martínez, V. 7141
Martinez, V. 3800
Martínez-Barajas, E. 4616
Martínez-Carrasco, R. 833, 5312
Martínez Damián, M. A. 7777
Martínez Garza, A. 7777
Martínez-Ghersa, M. A. 7009
Martínez-Reina, G. 2458
Martínez Viera, R. 3681
Martínez Villegas, E. 1129, 1133
Martini, A. 3142
Martinić, J. 2756
Martiniello, P. 4464
Martino, C. di 2155
Martino Rigano, V. di 879
Martinoia, E. 1395, 2223, 2418, 8007, 8856
Martins, A. L. M. 8303
Martins, A. M. 8358
Martins, I. S. 8931, 9319
Martins, J. J. R. 8997
Martins, M. 8602
Martins Netto, D. A. 8096
Marttila, S. 141
Martyn, W. 1595
Martynovich, L. I. 2674, 7393
Martynovich, N. N. 2674, 7393
Marur, C. J. 3367
Maruyama, S. 5558
Marwaha, R. S. 8443
Mar'yushkin, V. F. 360
Marzi, V. 6884, 7603
Masaki, S. 1688, 2315
Masaki, Y. 9323
Masamoto, K. 2023
Mascagni, H. J., Jr. 3741, 8955
Mascarenhas, H. A. A. 5631, 8253
Mascarenhas, M. H. T. 4933
Maschka, R. 2837, 5373
Masci, S. 838
Masel, N. P. 9454
Maselli, F. 7874
Masganti 4663
Masgrau, C. 103
Mashhor Mansor 7333
Masion, A. 5316
Maske, N. S. 6448
Maskina, M. S. 8128
Maslaris, N. 4168, 5813
Masle, J. 2163-2165
Mason, S. C. 2847
Masoni, A. 2259, 3908, 4389
Masri, S. 5359
Massiha, S. 8436
Massman, W. J. 7681
Masson, F. 1331
Massonneau, A. 4309
Massoui, M. 2019
Mastan, S. C. 6432
Masters, C. 3560
Mastro, G. de 6882, 8516
Mastro, M. A. 4154
Masuda, T. 1010, 3001, 5547, 8264
Masuda, Y. 9536
Masui, J. 2991
Masumura, T. 8152
Mataix-Beneyto, J. 4086
Mataix-Beneyto, J. J. 1824, 4098
Matano, T. 8163
Matanyaire, C. M 3058
Matanyaire, C. M. 3910
Mataora, T. 4226
Matei, I. 9095
Matejka, F. 3575
Matejovič, I. 2099
Mateos, J. L. 350
Mateos, L. 7664
Math, K. K. 8528
Mathan, K. K. 984, 1160, 8526
Máthé, P. 3374
Matheny, T. A. 4373
Mather, R. L. 541
Matheson, N. K. 1334
Mathew, J. 8999
Mathew, R. 7256
Mathiasen, K. 7691
Mathieu, Y. 6002, 8582
Mathijssen, E. W. J. M. 2082, 5912
Mathre, D. E. 8850
Mathukia, R. K. 8508
Mathur, D. 8552, 9433
Mathur, G. M. 9355
Mathur, R. K. 8819

Mathur, S. 4877
Matile, P. 2223, 3709, 4395
Matilla, A. 1173
Matilla, A. J. 739, 2458
Matin, M. A. 9467
Matiwade, P. S. 267
Matocha, J. E. 5888
Matoh, T. 748
Matok, H. 7939
Matos, M. C. 1548
Matos, M. do C. 5700
Matoušková, M. 3705
Matović, G. 1751
Matowo, P. R. 6518
Matozzo, G. 6212
Matrosov, A. S. 6355
Matsevetskaya, N. M. 482
Mats'kiv, T. I. 1221
Matsuba, K. 1008, 3862, 5541
Matsuda, T. 2364, 2378, 3444, 5699, 9342
Matsue, Y. 1002, 3834, 8109-8110, 8119, 8160
Matsui, S. 5668, 8672
Matsui, T. 2325
Matsuki, M. 3506
Matsukura, U. 9020
Matsumoto, H. 2023, 2858, 5418, 7191, 7268
Matsumoto, S. 2315, 6464
Matsumoto, T. 5715, 8333
Matsunaga, K. 6463
Matsunaga, R. 2454, 9252
Matsunaka, T. 6979, 7125, 8676
Matsuno, K. 257
Matsuno, R. 4064
Matsuo, M. 2323, 6465
Matsuoka, K. 689, 8584, 8590
Matsushima, H. 6010
Matsushima, U. 3783
Matsuura, H. 561
Matsuura, M. 317
Matsuyama, N. 1704, 2881
Matsuzaki, M. 3663, 7959-7960
Matsuzaki, Y. 4159
Mattana, M. 996, 9022, 9055
Matteucci, G. 2822, 7135
Matthews, J. L. 1593
Matthews, P. R. 886
Matthews, R. B. 6510
Mattice, J. D. 2985
Mattoo, A. K. 3851
Mattos, T. 3835
Mattson-Djos, L. 8858
Mattsson, L. 327
Mattsson, M. 880, 892
Matula, J. 2193
Matula, S. 490
Matus, A. 8410
Matuyama, N. 2971
Matveeva, E. V. 6654
Matvejeva, J. 2807, 2842, 2870
Matvīichuk, O. V. 9269
Matyukhin, A. P. 7683
Matyukhina, G. N. 7683
Mätzler, C. 92
Maugenest, S. 5714
Maurel, C. 9521
Maurel, J. C. G. 8659
Maurer, T. A. 7796
Maurino, V. G. 1644, 6385
Mauritius, Sugar Industry Research Institute 3548
Maury, P. 661
Maurya, B. M. 8219
Maurya, K. R. 7478
Maurya, N. L. 3030
Mawhinney, T. P. 1190
Mawson, B. T. 7263
May, M. J. 1421, 5194
May, O. L. 6822
Mayee, C. D. 5976
Mayer, J. 8197
Mayer, W. E. 4104
Mayeux, H. S. 8834
Mayeux, J. V. 5871-5872
Mayfield, W. D. 5044
Mayor, J. P. 2910
Mayr, T. R. 9562
Mayumi, K. 4876
Mayus, M. M. 1038
Măzăreanu, I. 193
Mazaredo, A. M. 4660
Mazars, C. 3503
Mazgaj, M. 3495
Mazur, B. 3602, 3701
Mazur, K. 3496, 3602, 3701
Mazur, T. 7242
Mazur, W. 7996
Mazur, Z. 3519, 4627, 7242
Mazurek, J. 1489, 3566, 3572, 8725
Mazza, G. 4341, 6862
Mazza, L. 6202, 6219, 6265
Mazzafera, P. 3367
Mazzieri, G. 6204, 6218
Mazzinghi, P. 1822
Mazzocchetti, A. 6215
Mazzocini, M. 4371
Mbamba, H. A. 3111
Mbanaso, E. N. A. 3335
Mboya, M. 9094
Mdluli, D. 768
Mearns, L. O. 8835
Mebrahtu, T. 9111
Meccagri 6974
Mechlia, N. B. 6173, 6269
Mečiar, L. 3487
Medard, R. 8466
Medda, R. 1177
Medeghini Bonatti, P. 2823
Medeiros, R. D. 1674
Medhi, B. D. 974, 6435
Medhi, D. N. 974, 4672-4673
Media Villa, V. 9372
Mediavilla, V. 7056, 7211, 7385
Medina, F. 7534
Medina, M. I. 9298
Medlyn, B. E. 2093
Medrano, C. 9118
Medrano, H. 896
Meelu, O. P. 8128
Meena, L. R. 8448
Meena, N. L. 8744, 8852
Meer, F. B. W. van der 6327
Meer Singh 6594
Meera, I. 5560, 7356, 8169
Meera, M. S. 4027, 8267
Meeta Jain 7300
Megahed, M. 5399-5400
Meglei, V. 4377
Mehar Chand 3424
Mehdi, S. M. 248, 8037
Mehdy, M. C. 2403
Meher, B. B. 7522
Mehra, S. P. 1362
Mehrotra, V. S. 4298
Mehrsheikh, A. 8920
Mehta, A. C. 1092
Mehta, A. N. 8076, 8461, 9247
Mehta, H. D. 983
Mehta, H. M. 1355
Mehta, I. A. 3168
Mehta, K. G. 473
Mehta, S. C. 8518, 8747
Mehta, V. B. 6508
Mehta, V. R. 2046
Mehtre, S. P. 9221
Mehuys, G. R. 1592
Mei, C. S. 4716
Mei, N. 5327
Mei, X. R. 2747, 4593
Mei, Z. 41
Mei ChuanSheng 4716
Mei Nan 5327
Mei XuRong 2747, 4593
Mei Zi 41
Meijer, J. 6272
Meijer, W. J. M. 2082
Meinke, H. 145, 1774, 9179
Meinzer, F. C. 9456
Meis, L. de 5465
Meisheri, M. B. 8204
Meisheri, T. G. 7741
Meisinger, J. J. 4786, 8880-8881
Meisner, C. A. 3646
Meister, A. 3502
Meister, E. 7056, 7211, 7385, 7795, 9372
Méjean, L. 4000
Mekonnen, K. 7284
Mela, T. 4424
Mela, T. J. N. 5238
Melaku Umeta 3916
Melchinger, A. E. 5386
Melchiorre, M. 5667, 5826
Meleshko, G. I. 1416
Melkonian, J. J. 6696
Mel'nik, P. A. 1221
Melo, F. I. O. 5772
Melo Filho, P. de A. 9175
Melotti, M. 6202
Mel'tsyna, T. P. 4603
Melville, M. 4356
Mench, M. 2243, 2256, 8784
Mendes, B. M. J. 2049, 3462
Méndez, N. 2428
Méndez Ramírez, I. 7154
Mendgen, K. 958
Mendham, D. S. 7276
Mendham, N. J. 1966
Mendiola-Olaya, E. 2439
Mendonça, F. C. 1674
Mendoza, D. C. 7319
Mendoza, P. 7780
Menezes, R. S. C. 7377
Meng, F. J. 3136-3137, 3654-3655, 8268, 8800, 9145
Meng, P. 2811, 5260
Meng, Q. W. 1524, 4500, 7976
Meng, X. J. 1889
Meng, Y. L. 3872
Meng FanJing 3136-3137, 3654-3655, 8268, 8800, 9145
Meng Ping 2811, 5260
Meng QingWei 1524, 4500, 7976
Meng XianJu 1889
Meng YaLi 3872
Menge-Hartmann, U. 5078-5079
Mengel, K. 2073
Mengich, E. K. 8021
Menon, R. G. 913, 6106
Mentaberry, A. N. 5826
Menyhért, Z. 2877
Menze, A. 4056
Menzhulin, G. V. 796
Menzyanova, N. G. 1519
Merawade, M. N. 5615
Merbach, W. 1868
Merckx, R. 56-57, 155
Meredith, W. R. 5023
Meredith, W. R., Jr. 5884, 5901, 6817-6818
Mergoum, M. 2841, 5288
Mergoum Mohamed 7169
Merida, A. 7292
Merkes, R. 1891
Merkle, T. 3437
Merkys, A. 5341, 5739, 6668
Merlo, L. 5833
Mermut, A. R. 5293
Merola, G. 6213
Merrien, A. 1989, 2626, 5133, 5967
Merry, R. H. 23
Mert, H. H. 6918
Merva, G. E. 2738
Merwade, M. N. 5936
Merzlaya, G. E. 5199
Merzlyak, M. N. 1773
Meshram, J. H. 4010
Meškauskas, A. 6250
Meso, B. 598
Mesquita, C. de M. 8216
Mesquita Filho, M. V. de 6803
Messeguer, R. 4399
Messens, E. 6001
Meşter, A. 9488
Mészáros, K. 7201
Mete, A. 5619
Mete, P. K. 1159
Metochis, C. 7202
Metodiev, M. V. 2219
Métraux, J. P. 6490
Metz, R. 1545
Meulen, R. M. van der 144, 889
Meurer, E. J. 8053
Mexia, J. T. 3694
Meyer, A. J. 8051, 9527
Meyer, E. 5164
Meyer, G. E. 1658, 1661
Meyer, J. H. 6018, 6070, 9447
Meyer, S. J. 1429
Meylemans, B. 3268
Meynard, J. M. 2152, 3614, 7038, 8713
Mezei, S. 4923
Mhase, L. B. 7571-7572
Mi, G. H. 7964
Mi, K. X. 6792
Mi GuoHua 7964
Mi KaiXia 6792
Mia, F. U. 367
Miączyńska, A. 6895
Miądowicz, M. 3260
Miah, G. 8380
Miah, M. G. 7526
Miah, M. N. H. 3842
Mian, M. A. K. 7748
Mian, M. H. 5525
Miao, B. H. 3962
Miao, B. L. 2829
Miao, G. Y. 6179
Miao, Y. N. 3150
Miao BingLiang 2829
Miao GuoYuan 6179
Miao YiNong 3150
Miceli, F. 2682
Michalak, M. 8056
Michalík, I. 2172, 2804
Michałojć, Z. 4644-4645
Michałojc, Z. 5131
Michaud, J. 8429
Michaud-Ferrière, N. 1638
Michaut, J. C. 9264
Michelena, A. 25
Micuţ, G. 4297
Middleton, M. R. 5017
Midmore, D. J. 1051, 9107
Miedziejko, E. M. 2195
Miehe, J. A. 7753
Miele, S. 4921
Mielniczuk, J. 8878
Miernyk, J. A. 6644
Miersch, O. 8058
Mierzejewska, D. 4312-4313
Miettinen, P. 4035
Migge, A. 1511, 8586
Miggiano, A. 4917
Migheli, Q. 2824
Miginiac, E. 4827, 7847, 8657
Miginiac-Maslow, M. 7369
Miglietta, F. 2788, 3073
Miglioranza, E. 8353
Migliore, L. 2873
Mignanego, L. 2822, 3224
Mihăilă, V. 7082, 7923
Mihajlija, D. 4542
Mihajlija, G. 4542
Mihálikova, J. 6678
Mihaljev, I. 3484
Mihara, K. L. 6621, 7455
Mihelič, R. 1607
Mihm, J. A. 5456
Mihneva, M. D. 2647
Míka, V. 8548
Mikhaeel, F. T. 5297
Mikhailopulo, I. A. 9301
Mikhaleva, S. N. 6303
Mikhov, I. 3743
Mikitzel, L. J. 2528
Mikkelsen, J. D. 4169, 8426
Mikkonen, A. 141
Mikos-Bielak, M. 1554, 3688, 3693, 6780
Mikšík, V. 2193
Mikulska, M. 1130
Mikuma, T. 1705
Milanov, G. 5758
Milanova, S. 3758
Milanović, M. 4554
Milat, M. L. 2021
Miles, A. 1423
Milev, G. 456, 4076
Milford, G. F. J. 461, 671, 1183, 1857, 1887
Milgram, M. 1242
Milić, M. 3283, 3291-3292, 6748
Milić, V. 6620
Milic, V. 9160
Miliuvienė, L. 5412, 6330

Milivojević, J. 1751
Millam, S. 9432
Millar, A. H. 1244
Millar, G. R. 6744
Miller, C. J. 477
Miller, D. M. 8112
Miller, D. W. 7935
Miller, H. 1877
Miller, J. D. 699, 1365, 6224
Miller, J. E. 4018
Miller, J. F. 7016
Miller, J. K. 5065
Miller, K. D. 2147, 2238-2239
Miller, M. H. 5442, 7218
Miller, P. 761
Miller, R. O. 3359
Millhollon, E. P. 2592, 5066
Millichip, M. 1298
Millner, P. 1332
Millner, P. A. 753, 941
Mills, L. J. 829
Mills, R. J. 583
Milošević, M. 3529
Milovanović, M. 3283, 3291-3292, 4542
Milroy, S. P. 145, 754, 8489
Min, Y. K. 8865
Min YongKi 8865
Minagawa, R. 364
Minakuchi, K. 8152
Minami, T. 4296
Minami, Y. 5664
Minamikawa, T. 1163, 4849, 4851
Minamisawa, K. 6591
Minchin, F. R. 1104, 2468, 5795, 6701, 7452, 8291
Minchin, P. E. H. 139
Mindea, V. 8854
Mineau, P. 2710
Miner, G. S. 3348
Minesaki, T. 4548
Minetti, J. L. 9148
Ming, G. 8082
Ming Gong 8082
Mingot, J. I. 4599
Minh-Hoa Dao-Thi 4092
Mini Bose 9047
Minkov, I. N. 4394, 5335, 7969
Minkovskiĭ, A. E. 7696
Minohara, L. 6176
Minoia, C. 2140, 6014, 6197, 6199, 6220, 7074
Minor, H. C. 6603
Minski, M. J. 4072
Minx, L. 1551, 3275, 4475
Mioskowski, C. 2779, 4074
Mirakhmedov, M. S. 4258
Miralles, O. B. 5948
Miranda, G. V. 6560
Miranda, L. C. M. 8094
Miranda, M. L. L. 5565
Miranda, R. M. 8467
Miranda, X. M. 3461
Mirecki, R. M. 4854
Mireşan, E. 9576
Mirić, M. 2890
Mirkov, T. E. 427
Mironov, E. A. 1115
Mironov, V. V. 4369
Miroshin, V. M. 2770
Mirschel, W. 2117, 8017
Mirshahi, A. 5342
Mirshahi, M. 5342
Mirzaazimova, Kh. T. 3360
Mirzawan, P. D. N. 1361
Mischis, L. 1785
Misener, G. C. 564, 5835
Misharin, S. I. 1541
Mishima, H. 2503
Mishra, A. 303, 1764, 1841, 9033
Mishra, A. K. 2604, 8388
Mishra, B. 2374, 3089
Mishra, B. K. 3980
Mishra, C. H. P. 6455
Mishra, G. C. 261, 629, 1271, 2597
Mishra, G. N. 283
Mishra, H. S. 7317
Mishra, J. S. 3973
Mishra, K. N. 3253
Mishra, M. 5081, 7544, 8634
Mishra, M. K. 261
Mishra, N. P. 7613
Mishra, O. R. 6568
Mishra, P. 2950, 4470
Mishra, P. C. 6554
Mishra, P. J. 5127, 9424
Mishra, P. K. 8843
Mishra, P. R. 3980
Mishra, R. C. 7930
Mishra, R. S. 4866
Mishra, S. 6471
Mishra, S. B. 6453
Mishra, S. N. 678, 5775, 9246
Mishra, S. S. 4082, 4493, 6169
Mishra, T. 6913
Mishra, V. K. 5927, 6558, 8505, 9256
Mishra, V. N. 2994
Miskin, R. B. 4402
Mislevy, P. 1365
Misra, A. 5081
Misra, A. K. 266
Misra, A. N. 2448, 5560, 7356, 8169
Misra, J. B. 1771, 6625, 8318
Misra, K. K. 6159
Misra, M. 2448, 5560, 7356, 8169
Misra, R. C. 3244
Misra, R. K. 6658
Misra, S. G. 264
Misra, S. K. 5046
Misra, U. K. 7812
Mistrík, I. 925, 934, 2915
Mistry, K. B. 6980
Misztal, A. 2713
Mitchell, C. 5887
Mitchell, C. C. 593, 5013, 5863
Mitchell, G. P. 9228
Mitchell, J. 2579
Mitchell, J. P. 3190
Mitchell, N. D. 776
Mitchell, R. J. 7839
Mitchell, S. M. 9432
Mitchell, T. A. 8498
Mithöfer, A. 8255
Mitkees, R. A. 4488
Mitra, G. N. 8125
Mitra, N. G. 5678
Mitsui, S. 1333
Mitsui, T. 7353
Mitsumori, C. 7639
Mitsusada, N. 5917, 8510
Mittal, R. K. 6584
Mittal, S. 6710
Mittal, S. P. 7736, 9486
Mittal, V. P. 1559, 9356
Mittempergher, F. 8549
Mittler, R. 8579
Mittra, B. N. 1316
Miura, K. 2319
Miura, M. 3013
Miura, Y. 2973
Mivechi-Langaroodi, H. 7503
Miwa, T. 9128
Miwa, Y. 4834
Mix-Wagner, G. 4981
Miyachi, Y. 3013
Miyagawa, S. 5633, 6013, 9041, 9057, 9155, 9437
Miyake, H. 1158
Miyake, T. 6938
Miyake, Y. 8799
Miyamori, Y. 7330
Miyamoto, K. 3687, 4620-4621, 4850, 6692, 8664
Miyata, M. 2215
Miyawaki, T. 6979, 7125
Miyazawa, K. 4835
Miyoshi, K. 3853, 5539
Mize, T. W. 1623
Mizukoshi, K. 364, 6613
Mizuno, A. 4118
Mizuta, A. 2293
Mladar, N. 6074
Mladý, M. 2752
Mlinar, R. 2832
Mndolwa, S. I. 3059
Mnkeni, P. N. S. 1611
Mo, D. M. 3702
Mo, X. G. 4518
Mo, X. Y. 7013
Mo DaoMing 3702
Mo XiaoYong 7013
Mo XingGuo 4518
Moawad, A. M. 2242, 7136
Mobin, M. 2636
Mobley, J. 5867
Mobley, J. B. 5051
Mochizuki, T. 8423
Mock, H. P. 3707
Mockaitis, J. 3294
Mocquot, B. 2243, 2256, 8784
Mocuţa, G. 9576
Modaihsh, A. S. 7089
Modak, R. 3255
Modawi, R. S. 1187
Modhwadia, M. M. 8508
Moen, K. L. E. 7298
Moenandir, J. 348, 7339, 7428
Moffatt, J. M. 4490
Mogensen, V. O. 671, 2002, 2628, 4308, 7730
Mogorosi, M. 3055
Mohamed, A. E. 5800
Mohamed, A. I. 8272
Mohamed, M. 7169
Mohamed, M. F. 4853
Mohamed, S. V. 1870
Mohamed Saleem, M. A. 1455
Mohammad, D. 97
Mohammad Arshad 6275
Mohammad Athar 4434
Mohammad Jabbar 1425
Mohammad Yunus 795
Mohammed, A. E. 8867
Mohammed, G. 7546
Mohammed Liaqat 6899
Mohammed Saeed 6899
Mohan, J. 7400
Mohan, S. C. 8727
Mohan Singh 8325
Mohanan, C. N. 7703
Mohanasundaram, K. 988
Mohankumar, C. R. 5858
Mohanty, A. K. 4594
Mohanty, P. 1318, 2321
Mohanty, S. K. 260, 5126, 8314
Mohany, H. 5784
Mohapatra, A. K. 3244
Mohapatra, A. R. 266
Mohapatra, P. 7356
Mohapatra, S. C. 1841
Mohapatra, S. K. 1478
Mohasin, M. 801
Mohinder Singh 1766, 8316
Mohiuddin, M. 9230
Mohr, U. 2425
Moinuddin 1510
Moinuddin, S. 6296
Moïsa, I. I. 1221
Moita, A. W. 3333
Moitra, R. 674
Mojayad, F. 661
Mojena, M. 4363
Mojlaj, E. G. 70
Mokashi, D. D. 6726, 8198, 8618, 8628, 8694
Mokate, A. S. 5328
Mokkapati Sanathkumar 2310
Mokronosov, A. T. 1182
Moldau, H. 2433
Moldenhauer, K. A. 4699
Moldenhauer, K. A. K. 1677, 4692, 4724
Molin, W. T. 7675, 9357
Molina-Cano, J. L. 5384
Molina-Galán, J. 4616
Molina Galán, J. D. 7286
Molinillo, J. M. G. 4294, 7705
Molino, I. M. del 833
Molion, L. C. B. 3944, 6603
Mollá, E. 1816
Mollah, W. S. 9235, 9484
Møller, B. L. 1563, 5586, 9506
Möller, G. 5838
Møller, I. M. 1923, 3287, 4967, 7007
Möller, K. 7623
Möllers, C. 2625
Mollerup, J. 1324, 7691
Molloy, R. 3370
Molnárová, J. 2201, 3487
Moloney, M. M. 7840
Moloshaga, N. V. 64
Molouba, F. 4679
Momo, F. R. 4634
Momonoki, Y. S. 749, 6386
Monaco, T. J. 525
Moncada H., J. 7585
Moncrief, J. F. 906, 6351
Moncrieff, J. B. 1518
Mondal, A. B. 8722
Mondal, S. S. 8995
Mondardo, E. 8358
Mondéjar, C. 2048
Monden, T. 2542
Mondibaye, A. 3149
Mondory, C. 8856
Monem, M. A. 3766
Monem M, A. 2841
Monger, W. A. 6322
Moniz, E. A. L. e 5434
Monks, C. D. 5021, 7667, 9491
Monks, D. W. 525, 583, 1219
Monneveux, P. 850, 7977, 8673
Monotti, M. 2610, 2616, 6205, 8189, 8529
Montagnini, F. 918
Montagu, K. 5360
Montagu, M. van 5754, 6001, 7755, 7757
Montague, M. J. 6283
Montalbini, P. 8647
Montaldi, E. 7130
Montalván, L. D. 5985
Montanari, M. 4917
Montanari, S. 7604
Montanaro, L. 8869
Montané, M. H. 8014
Montañez, A. 3151
Montealegre, C. 4855
Montefusco, A. 7159
Monteiro, A. A. 2123
Monteith, J. L. 2105, 7375
Monteleone, M. 146, 5029, 5033
Montemurro, F. 2610
Montenegro B., A. 118
Montervino, A. 1823
Montfort, F. 3565
Monti, M. 4463, 5085-5086, 6212
Monties, B. 3788, 8806, 9070
Montijn, M. B. 9215
Montilla, A. 9118
Monyo, E. S. 3056-3057, 3059
Moody, K. 273, 1690
Moody, P. W. 7276
Moolsri, S. 3599
Moon, B. C. 5510
Moon, B. Y. 1720, 2639
Moon, C. S. 2314, 5617
Moon ByeongChul 5510
Moon ByoungYong 1720, 2639
Moon ChangSik 5617
Mooney, P. J. F. 6772
Moore, B. D. 9518
Moore, G. 6812
Moore, M. 6812
Moore, M. K. 9398
Moore, P. H. 6056
Moore, R. 2593
Moore, S. H. 2572
Moorthy, B. T. S. 241, 4670, 7332
Moot, D. J. 5729
Mora, L. 4874
Moraes, J. A. P. V. de 4847, 8252
Moraes, J. de S. 9175
Moraes, O. P. 3022
Moraghan, J. T. 1807
Morales, D. 4180
Moran, J. F. 6701
Moran, M. S. 3152, 8498, 9552
Morandini, M. 7414
Morant-Avice, A. 5377
MorantAvice, A. 7995
Morar, G. 8717
Morard, P. 3518

Moraru, I. 7178
Morath, D. 5386
Moravcová, J. 7967
Morcuende, R. 833, 5312
More, G. D. 8241
More, N. B. 1352, 2656, 6040, 6944
More, S. D. 8527
More, S. M. 771, 8181
More, V. D. 8597
Moreau, F. 2939
Moreira, C. T. 6560
Moreira, L. B. 8142
Moreira, M. A. 6590
Moreira, R. A. 3270
Moreira, T. 6066
Morel, C. 2875
Morel, J. L. 4613, 6123
Morel, M. H. 2257
Morel du Boil, P. G. 6956
Moreland, D. E. 3069
Morell, M. K. 3635
Moreno, F. 1255, 2943, 5444
Moreno, I. 493
Moreno, J. L. 123
Moreno, R. O. 3571
Moreno, S. 6773
Moreno Alvarado, L. E. 5879
Moreno M., O. 26
Moreno-Ramos, O. H. 3593
Moreno-Sevilla, B. 35-36
Moreshet, S. 1950
Morgan, D. G. 2003
Morgan, J. A. 7973
Morgan, J. M. 3411, 9407
Morgan, P. W. 1656, 3803, 8060, 8196, 8658
Mori, I. C. 5738
Mori, M. 5436
Mori, S. 878, 3704, 3854, 3922
Moriconi, D. N. 5667, 5826
Morikawa, H. 1335
Morikis, D. 7434
Morimoto, S. 2596
Morin, F. 8275
Morin, X. K. 5723
Morinaga, S. 1026
Morishita, T. 2553
Morita, O. 3915, 6549, 9014, 9084
Morita, S. 2383, 3995, 3999, 8154
Morita, T. 3915, 7430
Morita, Y. 2383, 3995, 3999
Moritsugu, M. 2306, 2426
Moritz, T. 1111, 6006
Moriya, S. 2170
Moriyama, K. 7766
Moriyama, M. 4532
Moriyasu, Y. 2024, 2645
Mornet, C. 8856
Mornet, R. 1112
Môro, F. V. 8916
Morra, M. J. 670
Morré, D. J. 5657, 8257
Morré, D. M. 8257
Morrill, W. L. 6225
Morris, D. A. 402
Morris, E. P. 9505
Morris, J. 3762
Morris, S. F. 8405
Morrison, J. E., Jr. 905, 7024
Morrison, M. J. 3808, 9139
Morrison, W. H., III 1964
Morse, S. 2897, 4246, 8621
Morse, S. G. 5881
Morselli, A. 1197, 2500, 4611
Mortensen, D. A. 1631, 4084
Mortensen, G. 671, 2002, 2628, 7730
Mortensen, J. 8714
Mortensen, L. 3673, 7984
Mortley, D. G. 1245, 4210
Mortlock, M. Y. 6529
Morvan, C. 5910, 7684-7685, 9367
Morvan, O. 7684-7685
Morvan, Y. 4478
Mosca, G. 1282, 2492, 3963
Moscheni, E. 9430, 9432
Moseley, D. 3345, 6843
Moseley, D. W. 5864-5865
Moser, E. M. 2304
Moshier, L. J. 3967
Moshkov, I. 4050
Moshkov, I. E. 887, 1135, 1442
Moshtohry, M. R. 1962, 3615
Mosier, A. E. 8324
Mosley, A. R. 2547
Mosquim, P. R. 1754, 8218
Moss, D. N. 8795
Mostafa, M. H. 1505, 1534
Motoda, Y. 2282
Motskaïtis, Yu. 3294
Mott, K. A. 1294
Motto, M. 4611, 7267, 7272
Motzo, R. 28, 6211
Moudrý, J. 1740
Moulia, B. 933
Moulis, C. 8565
Moura, D. S. 6501
Moura, E. G. de 6695
Moura Filho, W. 1168
Moura Pires, N. de 7258
Mourou, Y. 1204
Moussa, A. M. 2773
Moussa, B. I. M. 1618
Moustakas, M. 202, 4609
Moustakas, N. 6271
Moya, I. 874, 2260, 2701
Moya, T. 5562
Moya, T. B. 9050
Moyer, J. R. 766
Moynihan, J. M. 1549
Mozafar, A. 8926
Mozaffari, K. 7707
Mozie, O. 1250
Mpepereki, S. 4905
Mpoy, M. C. 3932
Mridula Bargale 4124
Mridula Billore 8624
Mrkovački, N. 6620
Mrkovacki, N. 9160
Mroginski, L. A. 1988, 5551
Mrotzek, R. 2620
Mrówcyński, M. 2001
Mruthyunjaya 2340
Mrva, B. 1596
Msiska, F. S. 3035
Mtakwa, P. W. 6533
Mu, H. 683
Mu, M. C. 2739
Mu, S. M. 7099
Mu, X. M. 3507
Mu-Forster, C. 1643
Mu Hong 683
Mu MeiCai 2739
Mu XiaoMing 3507
Mucci, F. 3607, 6213
Mucha, P. 4136
Muchena, F. N. 8632
Muchová, Z. 3472, 3514
Muchovej, R. M. C. 960
Muchow, R. C. 697, 2047, 2330, 2342, 2662-2663, 3052, 3459, 5581, 5591, 6060, 6063, 6067, 7375, 8194, 9444, 9463, 9556
Mücke, U. 7487
Mudilamika, K. 3932
Mudrik, V. A. 5727, 6614
Mudrova, A. A. 5304
Mueller, M. J. 8649
Mueller, T. C. 4253
Muhammad Ali 9155
Muhammad Anwar 656
Muhammad Arshad 7649
Muhammad Ashraf 8776
Muhammad Aslam 140
Muhammad Azam 7374, 7649
Muhammad Iqbal 795, 1907, 1927
Muhammad Jamal 6261
Muhammad Munir 6343
Muhammad Sadiq 1907, 1927, 9315
Muhammad Suliman 680
Muhidong, J. 5047
Mühling, K. H. 9217
Mühling, M. 7518
Muijs, G. J. W. 3272
Muir, A. Y. 4197
Muir, J. H. 3090
Muirhead, W. A. 2278, 2357
Mújica-Jiménez, C. 947
Mukamil Shah 501
Mukesh Chand 2010
Mukesh Kumar 7531
Mukherjee, A. 5840
Mukherjee, A. K. 1497, 3157, 3879-3880
Mukherjee, B. B. 9042, 9461
Mukherjee, N. 1506
Mukherjee, N. N. 820
Mukherjee, P. K. 3144, 5802
Mukherjee, S. K. 7467
Mukherji, S. 8377, 8379
Mukhin, V. P. 5821
Mukhopadhyay, A. K. 1682
Mukhopadhyay, B. 8377
Mukhopadhyay, D. 1312
Mukhopadhyay, S. K. 8469
Mukhova, R. 154
Mulatu, K. 3755
Mulchi, C. L. 357, 4786, 5363-5364
Muldoon, D. K. 9381
Mulholland, B. J. 3675, 8794
Mulik, S. P. 4733, 5183, 8181
Mulimani, V. H. 7575
Mulla, D. J. 8088
Mullan, A. B. 776
Mullen, R. E. 3140, 5671
Mullen, R. T. 2088
Müller, E. 4981
Müller, J. 3138
Müller, J. J. V. 519
Müller, J. V. 3314
Müller, S. H. 1141
Müller-Röber, B. 553, 7648
Mullet, J. E. 4418, 6323, 8282
Mulligen, E. J. van 167
Mulliken, J. 8955
Mullings, M. 2428
Mullins, C. E. 6533
Mullins, G. 5887
Mullins, G. L. 187, 912, 5906, 6816, 6819, 7670, 7672
Mulyadi, M. 2035
Mulyanto, B. D. 347
Mumtaz, S. 935
Mumtaz Ahmad 1996
Mun, H. G. 7248
Mun, J. H. 98
Mun, Y. H. 5911
Mun HyunGui 7248
Mun JaeHyun 98
Mun YunHo 5911
Munchmeyer, B. 7782
Munda, G. C. 4802
Mündel, H. H. 654, 1811, 1979
Mundra, M. C. 7592, 8563
Mundula, S. 198
Muneshwar Singh 342
Mungai, D. N. 156
Munier, D. 3359
Munier, D. J. 5038
Munier-Jolain, N. G. 2385
Munier-Jolain, N. M. 9267
Munir, M. 6343
Munir Ahmad 7673
Muniyappa, T. V. 312
Munjal, N. 7131
Munjal, S. V. 3510
Munk, D. 3359, 5039
Munk, D. S. 5074
Munna Prasad 1514
Munns, R. 2813, 4409
Muñoz, P. 4060
Muñoz-Clares, R. A. 947
Muñoz de Rueda, P. 2458
Muñoz-Garcia, A. A. 957
Muñoz-Rueda, A. 7262
Muñoz-Valenzuela, S. 5923
Munro, S. L. A. 8589
Muntean, L. S. 8717, 9576
Munteanu, N. 4083
Munteanu, V. 724, 8904
Munyenyembe, M. P. 7602
Muppidathi, N. 8191
Murai, A. 2542
Murakami, H. 2503
Murakami, K. 1295, 2280, 4296
Murakami, S. 3103-3104
Murakami, T. 7192
Murali, B. 6431, 6433
Muralidhar, V. 7556
Muralidharan, K. S. 5579
Muralikrishna, S. 2065
Muramatsu, K. 3949
Muramatsu, Y. 7406
Muraoka, T. 8613
Murariu, D. 3926
Murata, N. 2639
Murata, S. 7406
Murata, T. 1687, 2983, 3923, 8151, 8998
Murata, Y. 1337
Murawa, D. 4307
Murayama, S. 3464, 3863, 4355
Murdock, E. C. 1953, 3965, 3975, 8238
Murén, E. 2623
Murfet, I. C. 4827
Murillo, I. 8930
Murillo, J. M. 1255, 2943, 5444, 9294
Muriuki, A. W. 8632
Murmu, B. 2448
Muro, C. 1313
Muro, J. 8855
Murofushi, H. 688
Murofushi, N. 5753, 8865
Muromtsev, G. S. 940, 4943, 8667
Murphy, A. M. 514-517
Murphy, D. P. 2101
Murphy, R. 1110
Murphy, S. D. 1625, 2231, 4606
Murphy, T. L. 8901
Murr, D. P. 8084
Murray, A. K. 2587, 6833
Murray, D. R. 9579
Murray, E. A. 2278
Murray, F. 7432, 9152-9153
Murray, P. F. 8788
Murrel, T. S. 8899
Murthy, C. S. 5991, 5993
Murthy, K. M. P. 4762
Murthy, K. S. N. 2119
Murthy, N. S. 7756
Murthy, P. P. N. 6332
Murthy, S. C. S. 4600
Murthy, S. S. 7546
Murthy, Y. L. K. 8247
Murty, K. S. N. 5994, 5999, 6038
Muruaga, J. S. M. 4093
Murugesan, S. 1161
Musa, G. L. C. 5923
Muscarella, C. I. 5476
Müsel, G. 5475
Mushonga, J. N. 3037, 3046, 3897
Mushtaq Ahmad 9159
Musich, V. N. 80
Muśnicka, B. 1999
Muśnicki, C. 1999
Mussarat Jabeen 1096
Musser, S. M. 5720
Muszyńska, G. 7279
Mutaftschiev, S. 4863
Muthiah, N. D. 8987
Muthuchamy, I. 7322
Muthukumar, B. 8165
Muthukumar, T. 1726
Muthukumarasamy, M. 355
Mutnal, S. M. 2997, 5572
Muto, S. 5152, 5738
Muzquiz, M. 476
Mwamba, D. 4326
Mwamba, K. M. 3932
Myasoedov, N. A. 694
Mydlilová, J. 4161
Myers, D. L. 7516
Myers, J. R. 6680-6683
Myhr, K. 7183
Myilswami, V. 7476
Myśliwa-Kurdziel, B. 3432
Mythili, J. B. 1850
Myung, E. J. 5561
Myung EulJae 5561
Naazir, M. S. 6261
Nable, R. O. 6021, 6065

Nabwile, S. 3310
Nad, B. K. 2633
Nada, K. 4108
Nadagouda, V. B. 7459
Nadarajan, N. 1161, 2236
Nadeau, P. 8288
Nadezhkina, E. V. 2768
Nadimpalli, S. K. 7594
Nadjimov, U. K. 4258
Nadkernichnaya, E. V. 113
Nadtochaev, N. F. 920
Naeff, H. S. D. 2708
Nafısı, S. 8086
Nafziger, E. D. 166, 2898
Nagabhushanam, G. V. S. 376
Nagahama, T. 5846
Nagai, V. 9122
Nagamani, G. 443
Nagamoto, Y. 9045
Nagangoud, A. 8530
Naganoma, H. 5497
Nagaoka, T. 3497
Nagaraja, A. 5936
Nagaraja, H. M. 5925
Nagarajan, P. 3959, 7463, 7476
Nagarajan, S. 2162, 4106, 8816, 8820
Nagarajappa, H. 418
Nagaraju, A. P. 1155, 7540
Nagasaka, C. 5099
Nagasawa, K. 2305
Nagasawa, T. 3103-3104
Nagata, M. 366
Nagata, N. 5659
Nagata, S. 4835
Nagata, T. 6938
Nagaz, K. 6269
Nagel, E. 3502
Nagesh, M. 544
Nagesh Chandra 7299
Nagesh Naik 2997
Nagi, K. S. 1559
Nagin Chand 2936
Nagod, M. S. 8201
Nagoshi, T. 967, 2282
Nagumo, K. 217
Nagy, C. 7075
Nagy, E. 775
Nagy, F. 3437
Nagy, G. 6589
Nagy, J. 5426, 5445
Nagy, L. 1739
Nagy, M. 2432
Nagy, Z. 719, 741, 7977, 9287
Naidu, B. P. 6030
Naidu, K. M. 9445
Naidu, M. R. 2040, 3451, 6047
Naidu, M. V. 5083, 7690, 8506
Naidu, M. V. S. 5658
Naidu, N. V. 3238, 3451, 6047
Naidu, T. R. V. 5328, 5573, 5582, 5588-5589, 5594, 6083, 9072
Naik, D. 505
Naik, D. C. 312
Naik, G. R. 9462
Naik, N. 2997
Naik, P. L. 8557
Naik, P. S. 1932, 5830, 8460
Naik, R. B. 606
Naik, R. M. 3510
Naima Hamid 1022
Nain, L. R. 6534
Nainawatee, H. S. 1150, 6912, 7743
Nair, G. M. 4208
Nair, K. P. P. 7227
Nair, N. G. 5840
Nair, P. K. R. 902, 7236-7237, 7239
Nair, S. G. 7742
Nair, T. V. R. 1850, 2016, 6923
Nair, V. M. 4208
Najmanová, J. 2137, 8637
Najmanova, J. 2071
Naka, Y. 7442
Nakagawa, H. 317, 2325, 3881-3882
Nakagawa, J. 8356
Nakagawa, N. 5408
Nakagawa, T. 3576
Nakaguchi, T. 6690
Nakahira, Y. 4512
Nakai, T. 8991
Nakajima, N. 414
Nakajima, Y. 966, 3817
Nakamoto, T. 8944
Nakamura, H. 2542, 7346
Nakamura, K. 47, 689, 8584, 8590
Nakamura, M. 3331
Nakamura, S. 1076, 1706, 1727, 2337, 2366, 2391, 2972, 3031, 3103-3104, 4044, 4179
Nakamura, T. 895, 2309, 2962, 3039, 6514
Nakamura, Y. 2327, 4532, 5536, 5558
Nakanishi, H. 878
Nakanishi, Y. 8613
Nakano, A. 5495
Nakano, H. 7950
Nakano, T. 7118
Nakaseko, K. 9323
Nakashima, H. 3290
Nakata, P. A. 555
Nakatsu, S. 5325
Nakatsuka, K. 7397, 8210
Nakayama, M. 4051
Nakazato, H. 4153
Nakazono, A. 295, 7354
Naklang, K. 1672
Nakorn, M. N. 1827
Nalamwar, R. V. 1729, 4239, 4448, 4845
Nalawade, S. M. 8492
Nalborczyk, E. 2843, 5159, 9544
Nali, C. 2648, 2823, 4101
Nalini, A. S. 5943
Nalini Pandey 1281
Nam, J. H. 98-99, 128, 5309, 5397
Nam, S. Y. 4992, 9335
Nam, Y. I. 4574
Nam JungHyun 98-99, 128, 5309, 5397
Nam SangYoung 4992, 9335
Nam Younll 4574
Nambiar, T. A. 5243
Nambisan, B. 5005
Namboodiri, K. M. N. 9271
Namdeo, K. N. 2063, 4884, 5189, 7010
Namdeo, S. L. 4889, 7578, 7583
Namit Tiwari 2072
Namoi, A. 4243
Namuco, O. 5562
Namuco, O. S. 3884
Nan, C. H. 846
Nan ChengHu 846
Nand Lal 3463
Nand Ram 1848, 7087
Nanda, B. B. 6420
Nanda, H. C. 5861
Nanda, M. K. 4798, 6634, 9180
Nanda, R. 2634
Nanda, S. S. 4594, 6182
Nandal, D. P. S. 8677
Nandekar, D. N. 512
Nandeshwar, S. B. 1959
Nandhagopal, A. 7699
Nandi, A. 5851
Nandi, S. 4880, 9059
Nandwal, A. S. 3234, 3249
Nanjappa, H. V. 279, 379-380, 3369, 4695, 5925, 7425, 7869
Nanjappa, N. V. 5604
Nanjundappa, G. 418
Nankov, M. 1591
Nankova, M. 430, 456
Nannor, B. S. 5336
Nantasomsaran, P. 1690
Naphade, K. T. 5578
Napier, R. M. 938, 7290, 8065
Napierała, D. M. 2195
Nápoles, M. C. 8246
Napreenko, V. A. 2770
Naqvi, S. S. M. 935, 7357, 8818
Narang, R. S. 7327, 8442
Narasimhan, B. 6332
Narasimhan, M. L. 2029, 7754
Narayana, V. S. 1055
Narayanan, A. 2472, 3358, 5799, 5897, 9276
Narayanan, A. M. 8191
Narayanasamypillai Jayabalan 4037
Narciso, J. O. 4113, 5766
Nardelli, F. 4464
Nardi, S. 6423
Nardiello, I. 6978
Naren, A. 3642
Narendra Kumar 1082
Narihara, Y. 220
Narkhede, W. N. 1253, 8473
Narong Chomchalow 2368
Narożna, A. T. 2195
Narwal, R. P. 8924
Narwal, S. S. 2336, 8677
Nascimento, W. M. O. do 8028
Naseem, S. B. 2441
Nasir, M. 8621
Nasirullaev, B. U. 4258
Nasirullah 5112
Naskar, S. K. 9336
Nasrallah, J. 786
Nass, H. G. 1476
Nasser, M. A. K. 535
Nassisi, A. 7819
Nasta, D. 939
Nastra, Ş. 189
Nasyrov, Yu. S. 730
Natarajamoorthy, K. 3958
Natarajan, C. 3959
Natarajan, M. 6517
Natarajan, N. 7694
Natarajaratnam, N. 2335
Natarelli, L. 1279, 1961, 1975
Nategh, Z. 7096
Nath, A. K. 7452
Nath, B. 289
Nath, J. 7036
Nath, R. P. 6943
Nathabut, K. 1672
Nathu Singh 496, 7315
Nato, A. 5342
Nátr, L. 2679, 6105
Natsuga, M. 1412
Naulet, N. 6934, 8588
Nauš, J. 1574, 3705
Nautiyal, P. C. 1779, 6625, 8318
Navaitienė, G. 6375
Naval Singh 5162
Navale, P. A. 471-472
Navari-Izzo, F. 59, 837, 8775
Navarro, J. L. 1111
Navarro, J. R. 5002, 5006
Navarro-Alarcón, M. 4352
Navarro-Aviñó, J. P. 2919
Navas, A. 2908
Navas, P. B. 2228
Naver, H. 9506
Navin Kumar 281, 3826
Navjeet Kaur 5698
Navvabi, A. R. 8000
Nawracała, J. 4003
Nawrot, J. 537
Nayak, B. C. 7547
Nayak, G. S. 8346-8347
Nayak, K. R. 1041
Nayak, N. 6044, 7781, 9452
Nayak, S. C. 261, 629, 2597
Nayak, S. K. 1710, 7313
Nayak, S. P. 9246
Nayital, S. C. 2669
Naylor, R. E. L. 313, 970, 5587
Nayudu, M. 8177
Nayyar, V. K. 1837, 9065
Nazarenko, N. I. 466, 468
Nazir Ahmad 6261
N'Dayegamiye, A. 1615
Ndoye, I. 4679, 8103
Neal, J. C. 2912
Neale, C. M. U. 8498
Neale, M. A. 2619
Neamţu, G. 8939
Nebesářová, J. 2637
Neckelmann, G. 6646
Nedel, J. L. 1550, 8003-8004
Nedelciuc, C. 3594
Nedelciuc, M. 3594
Nedialkov, N. 5193
Nedić, M. 1751
Nedukha, E. M. 6783
Nedunchezhian, N. 1838, 2450, 9242
Nedunzhiyan, M. 5858, 7654
Neelam, A. 639
Neelam Setia 3419
Neelam Yadav 4534
Neelu Walia 1752
Neera Garg 4888
Neeraj Mahajan 9457
Neeru Munjal 7131
Negatu, A. S. 5889
Negi, P. S. 1311
Negi, S. C. 1040, 2507, 4749
Negis, M. 6424
Negm, A. Y. 1962
Negrel, J. 4186, 4195
Negrilă, E. 7081
Negrilă, M. 4009, 7081
Negro, M. J. 9067
Negru, S. 193, 3751
Nehlin, L. 2625
Nehra, B. K. 4934, 6762
Nehra, D. S. 8554, 9417
Neill, S. J. 6651
Neill, S. W. 2598
Neinhuis, C. 2194, 6801, 7845
Nel, P. C. 188
Nelsen, T. C. 6588
Nelson, G. A. 906
Nelson, J. B. 8758
Nelson, J. M. 6813
Nelson, L. A. 35-36
Nelson, L. R. 112
Nelson, R. L. 1757
Nelson, S. 7256
Nema, D. P. 8220, 9450
Nema, G. K. 6037, 6075
Nemade, S. U. 1730
Nemati, B. 7712
Nembrini, L. 4611
Němeček, R. 2137, 8637
Nemecek, T. 2534, 4974
Nemeskéri, E. 8422
Németh, T. 8050
Nenaïdenko, G. N. 2205, 4545
Nenov, S. 5193
Neo, H. H. 1763, 4137
Neo HweeHwee 4137
Nepal, Lumle Agricultural Research Centre 1438
Nepalia, V. 4877
Nepomuceno, A. L. 6831, 8228
Neri, L. 3142
Nerušil, P. 8548
Nery, J. T. 4012
Nesenov, N. F. 3747
NeSmith, D. S. 7144, 8828
Nespoulous, C. 6898
Nestares, G. 1988
Netherlands, NIVAA 9309
Netherlands, Research Institute of Agrobiology and Soil Fertility 2719
Neto, A. T. 6501
Netrebenko, N. N. 9290
Neubert, K. 9428
Neuburger, M. 4044
Neue, H. U. 6491, 7351
Neukirchen, D. 7791
Neumaier, N. 6603
Neuman, D. S. 1157
Neumann, D. 3708, 9196
Neumann, G. 1815
Neumann, G. M. 8570
Neumann, K. H. 6120
Neumann, P. M. 3778
Neumann, R. 5548
Neves, J. C. L. 8359
Nevins, D. J. 5463
Nevo, E. 4576
New, J. H. 8690
New Farm Crops Ltd 2208, 2210
New Zealand, New Zealand Institute for Crop and Food Research Ltd 1912, 2209

Newman, C. W. 6333
Newman, I. 4625
Newman, I. A. 3762, 8921
Newman, R. K. 6333
Newsom, L. J. 3969
Newton, P. J. 5291
Ney, B. 1633, 2385, 9267, 9523
Ng, A. 2803
Ngailo, J. A. 2283
Ng'ang'a, J. K. 156
Ngo Thi Lam Giang 4033
Nguyen, H. T. 4723, 5347
Nguyen, M. V. 9144
Nguyen, P. V. 6157
Nguyen, V. N. 4687
Nguyen Bao Cuong 6623
Nguyen Ngoc De 9557
Nguyen Thi Lien Hoa 6623
Ni, D. X. 9533
Ni, J. J. 2992
Ni, J. S. 3659
Ni DeXiang 9533
Ni JinShan 3659
Nian, H. 3091, 9138
Nian Hai 3091, 9138
Niangado, O. 1036, 5601
Niaz, S. 6535
Niazi, B. H. 1987, 2463, 9388
Nibbe, M. 5745
Nichik, M. M. 91
Nichik, M. M. 9269
Nicholls, N. 6273
Nichols, R. L. 4256, 5054
Nick, P. 945, 8934
Nickell, C. D. 5642-5645, 8273
Nickeson, R. J. 1908
Nicolas, G. 7591
Nicolas, H. 2793, 2817
Nicolas, J. P. 4000
Nicolas, M. E. 1526, 2802, 2818, 6268
Niderman, T. 8057
Nie, L. 6243
Nie, X. Z. 8009
Nie Li 6243
Nie XianZhou 8009
Nieden, U. zur 9196
Niejenhuis, J. H. van 1879, 3272
Nieland, T. J. F. 889
Nield, J. 9505
Nielsen, D. C. 9411
Nielsen, E. 6774, 7758
Nielsen, F. 8714
Nielsen, G. A. 8750
Nielsen, J. E. 4169, 8426
Nielsen, K. K. 4169, 8426
Nielsen, K. L. 4852, 7023
Nielsen, N. E. 8811
Nielsen, S. 3303, 3308
Nielsen, S. S. 2382
Nielsen, S. V. S. 1305
Nielsen, T. H. 1228, 4964
Nielsen, V. S. 1563
Niemann, E. G. 3198
Niemann, P. 7395
Niemczuk, B. 4330
Niemi, K. J. 5239
Nienhuis, J. 1139, 8353
Nieściór, E. 8752
Nieva, M. 972
Nieveen, J. 230
Nievergelt, J. 7713
Nieves, M. 7141
Nigam, P. K. 4764-4765, 6558, 6594
Nigam, S. N. 376, 1775
Niggeschulze, W. 3476
Niggli, U. 1473, 4467
Nigmatullaev, A. 1234
Nigussie, A. 6921
Nihayati, E. 4643
Nijima, N. 6397
Nijssen, K. 2884
Nikam, V. J. 1952
Nikhil Kumar 7506
Niki, T. 1330
Nikitchin, D. I. 7696
Nikitin, D. B. 2078
Nikitina, V. E. 2827
Niklas, K. J. 8812
Niklewska-Larska, T. 412
Nikolaeva, L. A. 6396
Nikolić, J. 2496
Nikolov, B. 5758
Nikolov, H. 4461
Nilovskaya, N. T. 3624
Nilsen, E. T. 3559
Nilsson, A. 9190
Nilsson, H. E. 7723
Nilsson, M. 2839, 7996
Nimbalkar, V. S. 655, 5606, 5687
Nimbkar, N. 8487
Nimbulkar, C. B. 5686
Nimje, P. M. 3245, 4760
Nimmo, H. G. 883-884
Ning, Y. W. 1256, 4374
Ning YunWang 1256, 4374
Ninno, G. de 2140
Ninno, M. de 6213
Nioh, I. 3949
Niranjan, K. P. 2332
Niraz, S. 7939
Nirmal Kajal 3258, 9201, 9259
Nirmala, M. S. 7553
Nirmalawati, A. 8324
Nirval, B. G. 5920
Nishi, C. Y. M. 6619, 9161
Nishi, N. 7355
Nishiba, Y. 1800
Nishida, M. 8445
Nishii, A. 4335
Nishikawa, K. 8991
Nishikawa, S. 6932
Nishikiori, T. 3576
Nishimori, Y. 7115
Nishimoto, G. 7107
Nishimura, M. 3864
Nishimura, S. 3124
Nishinari, N. 108
Nishino, S. 3444
Nishio, J. N. 1414
Nishitani, H. 6932, 7760
Nishiwaki, T. 364, 6596, 6613
Nishizaki, K. 7314
Nishizaki, Y. 9229
Nishizawa, N. K. 878, 3704, 3922
Nishizawa, T. 3071, 3582, 7956
Nisi, P. de 937, 2261
Nissanka, S. P. 5485, 7250
Nissen, P. 2692
Nitta, Y. 1006, 1012, 1018, 3124, 3842, 5520
Niu, D. K. 7854
Niu, F. X. 4998
Niu, X. M. 2382
Niu FuXiang 4998
Niu XiaoMu 2382
Nivedita Sharma 6660
Niwas, R. 8207, 9081, 9555
Nix, H. A. 2675
Nixon, P. J. 1790
Nixon, P. M. I. 9471
Nizioł, B. 4146-4147
Njau, S. S. 3111
Njualem, D. 1911
Nkang, A. 5683
N'kounkou, J. S. 6797, 6800
Noaman, M. M. 5399-5400
Noat, G. 1292
Nobeli, C. 2185, 8751
Nobre, J. 2871
Nobuyasu, H. 7430
Nocito, F. 5459
Noda, H. 9143
Noda, K. 8799
Noda, T. 587, 3330
Noel, G. R. 3115, 5644
Noel, T. C. 1309
Nogales, R. 8782
Nogué, F. 1112
Noh, J. H. 5652
Noh JaeHwan 5652
Nohara, S. 8967
Nojima, H. 3940, 4040
Nolan, C. 5247
Nolin, M. C. 8093
Nolting, H. F. 2381
Nomura, M. 895, 1019
Nomura, N. 4159
Nomura, T. 4051, 5325
Nonami, H. 2384, 7436, 9226
Nongkynrih, P. 9025
Nonhebel, H. M. 4109
Nonhebel, S. 90
Nooman, H. J. 2685
Noordwijk, M. van 2702, 5209
Noort, S. J. T. van 961
Nooruddin, A. 8461
Noppakoonwong, R. 3661
Noppakoonwong, R. N. 3662
Norambuena, L. 4060, 6646
Nordbo, E. 4495
Nordquist, P. T. 3745
Norman, R. J. 1666-1667, 1677-1678, 1681, 1695, 1702, 4692, 4724
Normanly, J. 8656
Norris, B. E. 5021
Norvell, W. A. 394, 1108, 8334
Norway, Institutt for Plantefag, Norges Landbrukshøgskole 6139
Norway, Norges Landbrukshøgskole, Institutt for Plantefag 1436
Norway, Statens Landbrukstilsyn, Frøkontrollen 1435, 7882
Norwood, C. A. 6339
Nösberger, J. 1818-1819, 3205
Nose, A. 3464, 3863, 4355, 6019
Noto, F. 2406, 4265
Nouchi, I. 9019
Novaes, N. J. 5778
Novak, J. L. 593
Novák, P. 5831
Novák, V. 2679, 8957
Novak, V. A. 4435
Novaro, P. 7927
Novembre, G. 2141
Novichkova, N. S. 5727
Novickienė, L. 6746, 6777
Novikova, G. 4050
Novikova, G. V. 887, 1113, 1442
Novo, M. do C. de S. S. 3390, 5631
Novo, M. do C. S. S. 9122
Novotný, R. 1574
Novy, R. G. 4955
Nowak, G. A. 9206
Nowak, K. 2836
Nowakowski, M. 4919
Noworolnik, K. 2221
Nozaki, A. 5664
Nsarellah, N. 5288
Nsibandze, L. M. 3887
Ntamatungiro, S. 1695
Ntanos, D. 5517
Ntonifor, C. 1911
Ntuli, T. M. 7207
Nualbunruang, P. 1762
Nugraha, U. S. 9099
Nugrahaeni, N. 4800
Numata, A. 1313
Nunberg, A. N. 7841
Nunes, M. A. 1548
Núñez, M. 681
Nunzi, L. 8045
Nurit, F. 7255
Nurlaeny, N. 233
Nurminiemi, M. 125
Nurro, M. 6152
Nurzyński, J. 4644-4645, 5131
Nuviola, A. 1805
Nwachukwu, E. C. 3335
Nwachukwu, E. O. 7599
Nwaga, D. M. 7537
Nwalozie, M. C. 4117
Nweke, F. I. 1945
Nyakatawa, E. Z. 5438, 6977
Nyalemegbe, K. 4841
Nyamah, D. 2565
Nyárai-Horváth, F. 8341
Nyati, C. T. 7773
Nyborg, M. 119, 8005
Nyström, S. 8330
Oaks, A. 1396, 7271, 8055
Obanai, O. 904
Obasi, M. O. 6740
Obata, H. 5221
Obcemea, W. N. 2275
Obendorf, R. L. 2467, 7277, 7588-7589, 7832
Oberforster, M. 5337
Oberholzer, A. S. 8524
Oberländer, H. E. 5337
Obermeyer, W. R. 5720
Obernberger, I. 9498
Oberthur, L. E. 133
Obiagwu, C. J. 6738-6739
Obien, S. R. 2275, 2281
Obilana, A. B. 3035
Obmolova, G. V. 1865
Obojski, J. 6300
Öborn, I. 4535
Oborn, S. 5835
Obradović, S. 3277, 3283, 3291-3292
Obroucheva, N. V. 6112
Obu, A. 6469
Obuchi, Y. 1017
Ochoa-Burgos, F. 5923
O'Connor, G. E. 7502
O'Connor, J. E. 7488
Odahara, K. 8119
Odaira, M. 5765
Odeneal, T. 5028
Odo, P. E. 2328
O'Donnell, F. M. 7917
Odulaja, A. 8693
Oe, E. 2966
Oelmüller, R. 1182
Oerke, E. C. 767, 4442
Oertli, J. J. 8825
Oettler, G. 5380-5381, 5386
Oettmeier, W. 8256
Offler, C. E. 733, 4085
Ofitserov, E. N. 5161
Ofori, I. 2453
O'Gara, F. 9485
Ogassawara, F. Y. 4844
Ogata, T. 1002, 8109-8110, 8160, 9040
Ogawa, N. 3771
Ogawa, T. 296
Ogg, A. G., Jr. 8412
Ogilvy, S. E. 6133
Ogino, I. 9041
Ogiwara, I. 6410
Ogluzdin, A. S. 7721
Ognjanović, R. 2792, 4542
Ogorzaly, M. C. 2128
Ogunremi, L. T. 3731, 5780-5781
Ogura, A. 4658
Ogura, K. 3135
Oh, M. G. 368, 5922
Oh, N. K. 6419
Oh, S. K. 1937
Oh, Y. B. 5527
Oh, Y. H. 5416
Oh, Y. J. 5514, 5557, 5559, 6418, 8235
Oh, Y. S. 368, 5922
Oh MyungGyu 368, 5922
Oh NamKi 6419
Oh SungKun 1937
Oh YangHo 5416
Oh YongBee 5527
Oh YounSup 368, 5922
Oh YunJin 5514, 5557, 5559, 6418, 8235
Ohad, I. 9507
O'Hara, G. W. 4120
Ohara, K. 9557
Ohashi, Y. 1330
Ohe, M. 1708
Ohishi, H. 2378
Ohkawa, Y. 296
Ohkubo, N. 2503
Ohlander, L. 4556
Ohlrogge, J. 7485
Ohlrogge, J. B. 1107, 2411, 9517
Ohmann, S. M. 4963
Ohmoto, J. 7513
Ohnishi, M. 993, 6119, 8163
Ohno, A. 4055
Ohno, T. 4172
Ohshima, N. 6932

Ohsugi, K. 2503
Ohsugi, R. 3923
Ohsumi, Y. 2645
Ohta, H. 8264
Ohta, K. 8239
Ohta, S. 304
Ohtake, N. 364, 7441
Ohtsuki, K. 5659, 8152
Ohwaki, Y. 6725
Ohyama, T. 364, 6596, 6613, 7441
Oi, D. H. 7024
Oijen, M. van 542, 2535
Oikawa, K. 3583
Oikawa, T. 257, 2293
Oja, V. 392
Ojanperä, K. 7984
Ojczyk, T. 9400-9401
Ojha, N. J. 978
Oka, M. 8664
Oka, Y. 998
Okabe, A. 3103-3104
Okada, H. 6583
Okada, K. 7343
Okada, M. 2699
Okada, T. 3220
Okado, M. 2327
Okajima, T. 217
Okalebo, J. A. 7509
Okamoto, A. 295
Okamoto, E. 6463
Okamoto, T. 1163
O'Kane, D. 1016
Okawa, H. 1026
Okeke, J. E. 1589
Okelana, M. A. O. 6711
Okeleye, K. A. 6711
Okereke, G. U. 4024
Okereke, O. U. 591, 3968
Okhrimenko, S. M. 406
Okii, M. 7354
Okita, C. S. 4844
Okita, T. W. 555
Oko, B. D. F. 8023
Oko, B. F. D. 7413
Okogun, A. 6735
Okoli, O. O. 8464
Okon, Y. 5492, 7523
Okonkwo, C. A. C. 1982
Okorkov, V. V. 2225, 9495
Okoruwa, V. 2709
Okpara, D. A. 7597
Okpodu, C. M. 4043
Oksengendler, B. L. 617
Oku, T. 1122
Okubo, K. 9127
Okumura, K. 6932, 7760
Okumura, M. 4391
Okumura, T. 1013
Okumura, Y. 561
Okuno, T. 3870
Okut, H. 2848
Okuyama, Y. 6545-6546, 6900
Olabanji, O. G. 8180
Olaiz, G. 7785
Olalde-Portugal, V. 8094
Olasantan, F. O. 4583
Olea, I. 7774, 9459, 9466
O'Leary, G. J. 797-798, 7059
O'Leary, J. W. 5956, 6872, 7142, 8823
Olesen, A. 5343
Olesen, M. R. 4820
Olesen, S. E. 8680
Olfs, H. W. 7791
Olimpieri, G. 6205, 6216
Olinevich, O. V. 6255
Olivares, C. 3810
Oliveira, A. C. 924
Oliveira, A. C. de 8096, 8183
Oliveira, A. L. de F. 5434
Oliveira, B. de J. 8028
Oliveira, C. A. da S. 2070, 6763
Oliveira, D. M. T. 8317
Oliveira, E. L. de 3951, 8041
Oliveira, E. T. de 5170-5171
Oliveira, F. A. de 8481
Oliveira, J. T. A. de 3270
Oliveira, J. V. de 4655
Oliveira, L. J. 924
Oliveira, M. A. B. 4655
Oliveira, M. A. J. de 6700
Oliveira, M. C. N. de 6563, 8216, 8228, 8261, 8297
Oliveira, M. G. de A. 6590
Oliveira, R. S. de, Jr. 7258
Oliveira, S. A. de 6803
Oliveira, V. R. 7258
Oliver, D. P. 23
Oliver, S. 938
Oliver, S. C. 8065
Oliveros, R. 4267
Olivier, A. 3068
Olmos, E. 1776, 9192
Olsen, C. C. 3691, 5375
Olsen, C. E. 1320, 4111, 5586
Olsen, N. L. 2528
Olsen, O. A. 9037
Olson, B. M. 84
Olson, K. R. 4015
Olson, R. L. 596, 625
Olšovská, K. 2176
Olsson, O. 6006
Olsson, R. 7722
Oltmanns, J. 4099
Olufayo, O. 6521
Oluwatosin, O. B. 9240
Om, H. 8983
Om, Y. H. 1209, 4204, 8437
Om Gupta 440
Om Prakash 7903
Om YoungHyun 1209, 4204, 8437
Omaliko, C. P. E. 7597
Omar, M. N. A. 5365
Omar, S. A. 6407
Omarov, R. T. 1115, 9189
Omasa, K. 2325
Omay, A. B. 178
O'May, W. 4241
Omer, E. A. 1928
Omokanye, A. T. 4138
Omokawa, H. 2986
Omori, S. 8583
Omoti, U. 8043
Onckelen, H. A. van 562, 936, 9408
Ondřej, M. 562, 647
O'Neill, D. H. 1518
O'Neill, M. A. 6653
O'Neill, P. E. 1659
Onelli, E. 4833, 7488
Ong, C. K. 8385
Oniki, T. 7539
Oniscu, C. 489, 2485
Onkar Singh 3465
Ono, E. O. 4087, 4847, 6695, 8252
Ono, K. 4288
Ono, Y. 2354, 3380-3381
Onochie, C. C. 4024
Onu, N. 8839
Onwueme, I. C. 8468
Ookawa, T. 5540
Oomah, B. D. 4341, 6862
Oomen, G. J. M. 2711
Oommen, A. 9271
Oosato, K. F. 3834
Oosterbaan, R. J. 8827
Oosterhuis, D. 4246
Oosterhuis, D. M. 603, 3339, 3357, 4244, 5875, 5909, 6831, 8490, 8497
Oostveen, W. J. F. van 936
Ootake, M. 3285
Oparka, K. J. 732
Oparka, K. L. 788
Opatrná, J. 5831
Opatrný, Z. 5146, 5831, 6009, 6146
Opic, J. 764
Oplinger, E. S. 8882
Opoku, G. 1127, 8027
Opoku, L. 4263
Öquist, G. 1543-1544
Or, D. 932
Oracka, T. 7997
Oral, E. 5104
Orcutt, D. M. 3559
Ordonez, R. A. 1021
Orellana, A. 4060, 6646
Orf, J. H. 7423
Oribe, Y. 9028
Orimo, S. 1017
Oritani, T. 563, 3001
Orjuela, D. 6380
Orkwor, G. C. 591
Orlando, R. 5148
Orlando Filho, J. 2036
Orlich, G. 638
Orlík, E. 3487
Orlov, S. D. 3294
Orlov, V. P. 3194
Orlova, I. F. 3194, 4062
Orlovius, K. 507
Ornes, W. H. 4016
Oroian, E. 189, 9576
Oroszlán, P. 1968
Orozco, J. 963
Orphanos, P. I. 7202
Orquera, E. 2909
Orr, A. R. 1648
Orr, J. P. 7107
Orson, J. H. 5262
Ort, D. R. 1446
Ortaş, I. 3048
Ortas, I. 3049
Ortega, E. 706
Ortega, F. 8008
Ortega, J. K. E. 1110
Ortega, R. A. 8785
Ortiz, C. E. 5008
Ortiz, M. A. 2434
Ortiz, M. J. 3532
Ortiz-Monasterio R., J. I. 8739-8740
Ortuño, J. 5718, 5722, 6694
Orudgev, E. M. 887
Orzáez, D. 4054
Osagie, A. U. 9069
Osaki, M. 4391, 6468
Osborne, D. J. 7164, 9285
Oscarson, P. 52
Oshima, A. 4548
Oshima, Y. 304
Oshiro, M. 2650
Oskarsen, H. 7183
Osman, A. K. 8313
Osman, M. S. A. 1749
Osmolovskaya, N. G. 4435
Osmond, C. B. 3181, 7870
Osorio, E. A. 2216
Osoro, M. O. 9441
Ostaplyuk, A. N. 147
Ostaszyk, A. 4314
Oster, U. 8011, 8863
Ostersetzer, O. 7831
Ostrovskaya, E. N. 2360
Ostrowska, D. 1886, 2386, 8294
Ostrowski, J. 4183
O'Sullivan, J. N. 4215-4217, 4230, 4453
Osuna, L. 839
Oswal, M. C. 8747
Ota, Y. 904, 4548
Otake, S. 2294-2296
Otani, M. 1942
Otani, R. 7314
Otani, T. 738, 4393, 5196
Otegui, M. E. 163, 2251
Otieno, H. J. O. 8021
Otim-Nape, G. W. 5246
Otomo, T. 9045
O'Toole, J. C. 4723
Ott, A. 7056
Otte, O. 1174
Otteken, D. 1118
Otto, S. 198, 8840
Ouariti, O. 6686, 8052
Oudot, J. 6123
Ougham, H. J. 107
Outlaw, W. H., Jr. 6667
Ouyang, B. L. 8482
Ouyang, D. S. 3377
Ouyang BenLian 8482
Ouyang DuoSheng 3377
Ouzounidou, G. 202, 4609
Ovcharenko, M. M. 6175
Ovečková, O. 1567
Overall, R. L. 223, 1415, 5340
Overman, A. R. 5603
Overthrow, R. B. 8517
Overton, J. 3837
Overvoorde, P. J. 9135
Owen, D. J. 404
Owen, M. D. K. 8047
Owttrim, G. 4630
Owusu-Bennoah, E. 186
Oxborough, K. 952
Oya, K. 9467
Oyamada, Z. 2881, 6463-6464
Oyarzabal, E. S. 8091
Özcan, L. 3211
Özdemir, S. 3211, 7576, 8401
Ozeki, M. 7766
Özer, H. 5104
Ozeretskovskaya, O. L. 745
Ozga, J. A. 1792
Özgümüş, A. 2894
Ozier-Lafontaine, H. 4742
Özkan, B. 5031, 7229
Ozolina, N. V. 5464
Öztürk, L. 8773
Öztürk, M. 6918
Paasonen-Kivekäs, M. 2358
Pabat, I. A. 2741
Pace, C. de 5818
Pacheco, C. A. 5095
Pacheco, C. A. P. 8031
Pacheco, S. 6528
Pacheco Basurco, J. C. 5676
Pacheco-Moisés, F. 8068
Pachepsky, Y. A. 6611
Pachepsky, Ya. A. 6605
Pacini, E. 6858, 8071
Paciolla, C. 5205
Paclík, R. 2006
Pacoda, D. 7159
Pacovsky, R. S. 959
Pacquit, V. 2917, 6526
Păcurar, I. 1, 189, 9537
Pačuta, V. 3487
Padalia, C. R. 4670
Padgett, D. I. 3162
Padhi, G. S. 8388
Padiglia, A. 1177
Padikkala, J. 2470
Padma, V. 2956
Padmaja, G. 1095
Padmaja, K. 9232
Padmaja, M. 6674
Padmaja, P. 4221
Padmalatha, Y. 7880
Padmani, D. R. 3379, 8305
Padmavathi, P. 7421, 9171
Padole, S. G. 42
Padovan, S. 2140, 6200, 6220
Padrit, J. 4042
Padro, J. 624
Padu, E. 2433
Paek, N. C. 8249
Paes, J. M. V. 8596
Paez Cruz, L. S. 3388
Páez N., O. 239
Pagani, M. A. 2156
Pagano, E. A. 3903
Pagar, P. C. 1952
Page-Degivry, M. T. le 2615
Pageau, D. 2200
Pagel, R. 5969
Pagès, L. 2258, 6409
Pagés, M. 2919
Pagès, M. 4399, 6387
Pagire, B. V. 7778
Pągowski, Z. 7746
Pahlich, E. 8815
Paigham Shah 5, 6343
Paikaray, R. K. 3244, 3253, 7547
Pairoba, C. F. 1343
Paisan Laosuwan 2368
Paizert, K. 5387
Pajević, S. 4923
Pajuelas, B. G. 306
Pak, E. H. 6571
Pak EuiHo 6571
Pakhomova, V. 2153
Pakhomova, V. M. 6656
Pal, A. R. 4422
Pal, D. 3420, 7456
Pal, K. C. 4747
Pal, M. 449, 3236, 6512
Pal, M. S. 4737, 7364

Pal, S. 1469, 1682
Pal, S. K. 2671, 4476, 7083, 7799
Pal, S. S. 1622, 7231, 8915
Pal, T. 3158-3159
Pal, U. R. 1982
Pal, Y. 2050, 7789
Palaniappan, S. 4667
Palaniappan, S. P. 971, 2614, 5422, 6716, 7462
Palanisamy, S. 988
Palaveršić, B. 2902
Palazzo, D. 6180, 8529
Palchamy, A. 3075
Palchetti, C. 3798
Páldi, E. 1654, 2266
Palevitz, B. A. 5147
Pali-Shikhulu, J. 3887, 3896
Palikhe, M. M. 8044
Paliwal, A. K. 4669
Paliyath, G. 8084
Pallanca, A. 8869
Pallanca, J. E. 881
Pallesen, B. E. 8499
Pallett, K. E. 2913, 2922
Pallikondaperumal, R. K. 1284
Palliotti, A. 1552, 7805
Palm, K. 1882
Palma, J. M. 1106
Palme, K. 1408
Palmer, J. C. 2581, 6821, 6836-6837
Palmer, J. M. 946
Palmer, M. S. 6804
Palmer, M. W. 7796
Palmer, R. G. 5625
Palmieri, F. 1640
Palomo, G. A. 6827
Palonka, S. 9205
Palta, J. A. 4131, 7823
Palta, J. P. 550, 1139
Paltoo Ram 7903
Paludzyszyn Filho, E. 6563
Palumbo, M. 6208, 7074
Pałys, E. 9530
Pammenter, N. W. 7207, 7514
Pampolino, M. F. 4674
Pan, B. 7405
Pan, G. Z. 1707, 8474
Pan, J. J. 3355
Pan, J. R. 1465
Pan, R. C. 3012
Pan, W. H. 8862
Pan, W. L. 1550, 8003-8004
Pan, W. Q. 607
Pan, X. F. 5648
Pan, Y. W. 1074
Pan Bo 7405
Pan GuangZhao 8474
Pan GuoZhang 1707
Pan JiaJu 3355
Pan JiaRong 1465
Pan RuiChi 3012
Pan WeiHuai 8862
Pan WeiQun 607
Pan XueFeng 5648
Pan YaWen 1074
Panaitescu, E. 7301
Panara, F. 3710
Panasik, M. 3657
Panchal, Y. C. 5572
Panda, B. C. 4445
Panda, B. S. 7930
Panda, H. 7768
Panda, M. K. 7320-7321
Panda, M. M. 260
Panda, P. K. 1764, 1939, 1947, 3158-3159, 3382, 4994, 5009-5011, 7460-7461, 7656, 9421
Panda, R. K. 7475
Panda, S. C. 1496, 4594, 4748, 7906
Pande, P. C. 1902, 2162, 8789, 8820
Pandey, A. 1280
Pandey, D. 7058
Pandey, D. D. 2821, 9413
Pandey, D. K. 1101
Pandey, D. S. 2749
Pandey, H. N. 4473
Pandey, I. B. 6169
Pandey, J. 4697, 7101, 7559, 7581, 7932
Pandey, M. 362, 2416
Pandey, N. 1281, 1686, 9104
Pandey, O. P. 8080
Pandey, P. K. 8408
Pandey, R. K. 2340
Pandey, S. 2908, 7254
Pandey, S. K. 504, 9312, 9314, 9317
Pandey, S. P. 3647
Pandey, T. D. 4690
Pandian, B. J. 3075
Pandian, P. 7352
Pandolfini, T. 2783
Pandrangi, R. B. 3894
Pandya, H. V. 2046
Pandya, M. J. 693
Pandya, R. B. 8304
Pane, H. 2299
Paneque, V. M. 4345
Panfilova, O. N. 2900
Pang, C. H. 4198
Pang, C. M. 2774
Pang, J. M. 2739
Pang, J. Z. 3609
Pang, R. S. 9373
Pang, W. F. 2551
Pang, X. P. 7224, 7275
Pang JiaZhi 3609
Pang JiMin 2739
Pang RunSen 9373
Pang WanFu 2551
Pangarkar, V. N. 5975-5976
Pani, S. K. 8314
Panichajakul, S. 1762
Panichsakpatana, S. 3811
Panico, A. 68
Panicucci, A. 3204
Panigrahy, S. 6512
Panikkar, K. R. 2470
Paningbatan, E. P. 3155
Pankratova, O. V. 6255
Panneerselvam, R. 355
Pannkuk, C. D. 8720
Pannu, R. K. 3424, 7745, 7908, 9426, 9429
Panobianco, M. 3998, 8369
Panozzo, J. F. 3569
Panse, A. 2203
Pant, G. 2690
Pant, J. 3599, 3628
Pant, L. M. 4020, 5759, 9173
Pant, R. C. 7317, 8650
Pantelides, A. T. 7642
Panter, D. M. 6824
Panwar, B. S. 8747
Panwar, D. V. S. 4711
Panwar, J. D. S. 7530, 7987
Panwar, K. S. 7911, 9477
Panwar, R. S. 1483, 1495, 1498, 4492, 8770
Pânzariu, D. 7926
Paola, M. L. di 1822
Paolacci, A. R. 2788, 2822, 7135
Paolini, R. 4286, 5818
Papanicolaou, E. 8751
Papanicolaou, E. P. 2185
Papastylianou, I. 1093
Papathanasiou, F. 3325
Papendick, R. I. 2742, 8720
Papeš, D. 4496
Papesch, J. 2202, 7807
Papina, R. I. 401
Papineau, J. 4134
Paponov, I. 2135
Paprocka, J. 2833
Paracha, A. M. 1914
Paradkar, N. R. 3105, 3112, 3942, 9119
Parama, V. R. R. 6354
Paranaíba, J. L. V. 6793
Pararajasingham, N. 7551
Paraye, P. M. 4669
Pardeep Wali 9422
Pardines, J. 3800
Pardini, G. 4921
Pardo, A. 146, 4734, 5033
Paré, P. W. 5895
Paredes C., M. 6679
Pareek, A. 9038
Pareek, R. P. 1082
Pareek, S. K. 5982
Parente, G. 4595
Parés, D. 5379
Parés, X. 5713
Parfitt, R. L. 2217
Paria, N. C. 390
Parida, A. K. 6044
Parida, R. C. 8125
Parihar, M. S. 4867
Parihar, S. B. S. 534, 539
Parihar, S. K. S. 9427
Parihar, S. S. 7058, 8399
Parish, R. L. 8386
Park, C. B. 679
Park, C. K. 8235
Park, C. S. 7625-7626
Park, C. Y. 2190
Park, D. K. 5003
Park, D. S. 127
Park, E. H. 5414-5415, 6570
Park, E. W. 5616
Park, G. D. 2190
Park, H. G. 5501, 5511
Park, H. H. 98-99, 5309
Park, H. J. 2696, 5397
Park, H. S. 126, 1720
Park, H. W. 374, 679, 7465
Park, I. H. 1246, 1720
Park, I. J. 3827, 4021
Park, J. H. 374, 2301, 7465
Park, J. K. 5506
Park, J. S. 2301
Park, K. B. 2190
Park, K. G. 98-99
Park, K. H. 368, 5523, 5922, 6429
Park, K. W. 578, 1235
Park, K. Y. 345, 2229, 2372, 5685, 6570-6571, 7248, 8234
Park, M. E. 646, 4026
Park, M. H. 8851
Park, M. S. 5922
Park, M. W. 98-99, 128, 5309, 5397
Park, R. D. 9009
Park, R. K. 6570-6571
Park, S. E. 2397
Park, S. G. 2204, 2371, 4782
Park, S. J. 4767, 9005
Park, S. K. 2301, 9335
Park, S. L. 8851
Park, S. T. 5510, 5514, 5557, 6418
Park, S. U. 2229, 7248
Park, S. W. 8972
Park, T. D. 5511
Park, Y. E. 521
Park, Y. I. 3181-3182, 7482
Park ChangKie 8235
Park ChangYoung 2190
Park ChounSu 7625-7626
Park ChungBerm 679
Park DongKum 5003
Park DongSu 127
Park EuiHo 5414-5415, 6570
Park EunWoo 5616
Park GiDo 2190
Park HeeSeang 126
Park HeeWoon 374, 679, 7465
Park HeungGyu 5511
Park HongGue 5501
Park HuiJoo 5397
Park HwaJin 2696
Park HyongHo 98-99, 5309
Park HyunSook 1720
Park IlHyun 1246
Park InHo 1720
Park InJin 3827, 4021
Park JaeSeong 2301
Park JangHwan 374, 7465
Park JongHan 2301
Park JungKun 5506
Park KeonHo 5523, 6429
Park KeumYong 2372, 5685, 6570-6571, 8234
Park KeunYong 2229, 7248
Park KiHun 368, 5922
Park KuenWoo 578, 1235
Park KwangGeun 98-99
Park KyeongBae 2190
Park KyeongYeal 345
Park MooEon 646, 4026
Park MoonHee 8851
Park MoonSoo 5922
Park MoonWoong 98-99, 128, 5309, 5397
Park RaeKyung 6570-6571
Park SangGu 2204, 2371, 4782
Park SangJo 9005
Park SangLae 8851
Park SeongKyu 2301
Park SeungEui 2397
Park SeungKyu 9335
Park SungTae 5510, 5514, 5557, 6418
Park SungUe 2229, 7248
Park TaeDong 5511
Park YoungEun 521
Park YounIl 3181-3182
Parkash Kumar 5128, 6927
Parker, D. R. 8644
Parker, J. S. 3790, 7293
Parker, M. L. 3916
Parmakov, D. 5193
Parmar, D. K. 7921
Parmar, N. N. 4402, 5686
Parmar, S. 6110
Parminder Kaur 3419
Pärnik, T. 1543-1544, 1575
Paroda, S. 8568
Parot, P. 2549
Parr, A. J. 2803
Parra, M. S. 8041
Parrish, D. J. 3603
Parry, A. D. 4289-4290
Parry, M. A. J. 1131, 2430, 4088, 6110
Parry, M. L. 3806
Parsons, N. 579
Parsons, R. 3139
Parsons, S. D. 159
Parthier, B. 3713, 8058
Partipal Singh 7036
Partohardjono, S. 7887
Parton, W. J. 1354
Parveen Kumar 6920
Parvez, M. M. 3791
Pascal, N. 8925
Pascale, A. J. 5955, 9147
Paschenko, V. N. 328
Pascua, S. R. 2275
Pascual, H. 3259
Pascual, J. A. 123, 2852, 6331
Pascual-Villalobos, M. J. 4274, 6860
Pascual Villalobos, M. J. 6863
Pasda, G. 8943
Pasetti, L. 7273, 8914
Pashova, V. T. 190, 6355
Pasqualetto, A. 1754, 8218
Pasqualini, S. 2874, 3442, 3710
Pasquini, M. 2140
Pasricha, N. S. 4814, 9387
Passarella, S. 2155
Passeron, S. 8788
Passioura, J. B. 2103, 2813, 3715-3716, 3720, 4420
Pastenes, C. 1820, 3222-3223
Pastore, D. 2155
Pastori, G. M. 1106, 4824
Pastukh, N. A. 4908
Patanè, C. 1972
Pate, D. W. 6857, 9370
Pate, J. S. 2600, 4275, 4365, 6125
Patel, A. I. 9420
Patel, A. S. 3430
Patel, B. K. 3430, 8577
Patel, B. N. 6931
Patel, B. T. 1380
Patel, C. B. 2046
Patel, C. H. 3428, 3430, 8577
Patel, D. M. 3338, 3340-3341, 9420
Patel, G. G. 9170
Patel, H. R. 448, 8076
Patel, H. S. 2976, 8557
Patel, I. 8376
Patel, J. B. 1355, 6931
Patel, J. C. 8305

Patel, J. M. 2046
Patel, J. R. 1783, 2046
Patel, K. I. 3166
Patel, K. K. 2046
Patel, K. P. 2989
Patel, K. R. 9420
Patel, M. B. 2046
Patel, M. P. 8557
Patel, M. S. 3168, 7945, 7982
Patel, M. V. 3429
Patel, N. C. 1783
Patel, N. M. 522, 8409, 8518
Patel, N. R. 3430, 9247
Patel, P. G. 473, 1978, 3338, 3340-3341
Patel, P. T. 522, 9170
Patel, R. H. 7741
Patel, R. S. 3156, 4764-4765, 6594
Patel, S. B. 8577
Patel, S. H. 3428, 3430, 8577
Patel, S. R. 8224
Patel, U. G. 3338, 3340-3341
Patel, Z. G. 986, 1978, 2976, 3156, 3264, 3469, 7738, 8102, 8518, 8614, 8617
Pateña, G. F. 7319
Pateras, D. 7521
Pathak, A. K. 968, 2279
Pathak, D. 9004
Pathak, H. 3494
Pathak, S. 7008
Pathan, M. S. 4723
Pathik, S. R. 4119
Pathmanabhan, G. 2388
Pati, B. R. 856
Pati, P. N. 1934
Patil, A. B. 8511
Patil, A. J. 8185
Patil, B. C. 5905
Patil, B. D. 5597
Patil, B. M. 7559, 7742
Patil, B. N. 2013, 7737, 8419
Patil, B. P. 272, 3015, 7550
Patil, B. R. 234, 310, 337, 6040, 6959, 7088
Patil, C. V. 7459, 8528
Patil, D. B. 3894
Patil, D. F. 5188
Patil, D. S. 255
Patil, E. N. 4477, 5188, 5264, 6085
Patil, J. D. 771, 4733, 5299, 5938-5939, 6726, 7522, 8181, 8185, 8198, 8618, 8628, 8694
Patil, J. P. 4347
Patil, J. R. 7569
Patil, M. D. 445, 5777, 8400
Patil, M. N. 716
Patil, M. S. 1778
Patil, P. 1175
Patil, P. L. 407, 454, 5701, 7088, 8290, 8394, 8396
Patil, P. R. 4239, 8473
Patil, R. B. 4112, 4121, 4860, 5598
Patil, R. G. 1380, 3168
Patil, R. R. 3212
Patil, R. W. 4448
Patil, S. C. 7560
Patil, S. G. 5167
Patil, S. H. 6631
Patil, S. J. 8046
Patil, S. K. 2994, 5183
Patil, S. L. 323, 2442, 3030, 5084, 5530
Patil, S. N. 1342, 4343
Patil, S. R. 3510
Patil, S. S. D. 8418
Patil, T. C. 8046, 8192, 8419
Patil, T. N. 8400
Patil, V. P. 5622, 8232-8233
Patil, Y. M. 445, 3030, 5777, 8202, 8400
Patiram 8042
Patnaik, H. P. 2456
Patra, A. K. 1091, 1764, 1841, 4795, 4798, 6634, 8308-8309, 9180
Patrick, B. E. 7747
Patrick, I. 3588
Patrick, J. W. 733, 4085, 9208, 9510
Patro, G. K. 4675, 6182
Patro, H. 4675, 4748
Pattanaik, A. 1496, 7906
Pattanaik, R. 8388
Patterson, L. M. 5269-5270
Patterson, M. G. 5021, 5041, 7667
Patterson, R. P. 4783
Patterson, Z. 8256
Patyka, V. F. 335, 361
Paudel, M. N. 8131
Paul, J. W. 7238
Paul, M. J. 4334, 6110
Paul, N. D. 3197
Paul, R. K. 7748
Paul, S. R. 755, 1027, 2064, 2356, 6728, 6971
Paul, V. 8407
Paull, J. G. 397
Paulraj, N. J. 3830
Paulsen, A. Q. 1273
Paulsen, H. 9515
Paulson, G. A. 120
Pauly-Mundegar, D. 4099
Pausch, R. 5363
Pausch, R. C. 357, 4786
Pavan, M. A. 3951
Pavelek, M. 3371
Pavlenko, E. A. 2490
Pavlica, M. 4496
Pavlíková, D. 3738
Pavlova, O. Yu. 7719
Pavlova, T. K. 9363
Pavlovets, V. V. 6381
Pavlović, K. 3284
Pavlovkinová, D. 6940
Pavlukova, E. B. 7765
Pawan Gupta 3574
Pawar, H. D. 6091
Pawar, H. K. 8597
Pawar, K. B. 5787
Pawar, K. P. 5569, 8620
Pawar, R. B. 8123
Pawar, V. S. 8371
Pawińska, M. 538
Pawirosemadi, M. 2035
Pawłowska, J. 1547, 8752
Pawłowski, F. 8222
Pax, R. 2664
Pax, R. A. 6069
Pax-Lenney, M. 7029
Paxton, K. W. 5062
Payne, J. F. 5376
Payne, L. A. 568
Payne, W. A. 3060, 8205, 9077
Payré, H. 2438
Paz, P. 2909
Pazos, P. 8449
Pea & Bean Progress 1808
Peacock, J. M. 13
Pearcy, R. W. 5654
Pearson, J. N. 834
Pearson, N. 8272
Peat, L. J. 2213
Peccetti, G. 3963
Pecetti, L. 5273, 7981
Pechová, D. 3504
Pechová, M. 2193
Peck, T. R. 8903, 8927
Pécsváradi, A. 997, 3843, 6236
Pedersen, A. L. 1080
Pedersen, C. Å. 784
Pedersen, J. Z. 1177
Pederson, J. R. 7681
Pedras, J. F. 4847, 6695, 6775-6776, 8252
Pedrazzini, E. 8362
Pedreño, M. A. 5811, 8427
Pedrosa, L. F. 3927
Peeper, T. F. 7, 1486, 7936
Peeters, A. 4907
Pegues, M. 7667
Pehu, E. 149, 569, 1208, 2677, 4201, 7387, 7411, 8578
Pei, Y. 2471
Pei, Z. M. 3686, 4068
Pei Yan 2471
Pei ZhenMei 3686
Pei ZhenMing 4068
Peipp, H. 3721
Peiris, D. R. 576
Peirson, D. 6976
Pekić, S. 5474
Pekrun, C. 7725
Pelacci, P. 7927
Pelaez, M. I. 2436
Peles, J. D. 5647, 6565
Pelikán, J. 8519
Pell, E. J. 7763, 7859
Pellanda, A. 4930
Pellerin, P. 6653, 9367
Pellerin, S. 2258
Pelleschi, S. 5484
Pellet, D. M. 8465
Pellow, J. W. 2581, 6821, 6836-6837
Peltonen, J. 1744, 7388, 7396
Peltonen-Sainio, P. 149, 2677, 4544, 5369, 7387-7388, 7396, 7411, 7992, 8578
Pel'ttser, A. S. 5371
Peña, R. J. 7176, 8739
Pena de Ladaga, B. S. 6126
Peña-Valdivia, C. B. 4093
Peñaloza H., E. 4816
Penel, C. 5811, 8257, 8427
Penella, E. 5384
Peng, A. 4503
Peng, C. C. 8576
Peng, G. Y. 2750
Peng, L. S. 6493
Peng, S. 240, 254
Peng, S. B. 5565, 9021
Peng, T. 1524
Peng, X. X. 4707, 4714, 9021
Peng An 4503
Peng ChiChung 8576
Peng GenYuan 2750
Peng LiSha 6493
Peng ShaoBing 5565, 9021
Peng Tao 1524
Peng XinXiang 4707, 4714, 9021
Penheiter, A. R. 8258
Penland, J. 598
Pennanen, A. H. 4728
Pennell, R. I. 3515
Penney, D. 1535
Pennock, D. J. 7919
Penrose, L. D. J. 5275
Penson, S. P. 4570
Pentangelo, A. 1211
Pentimalli, M. 2508
Penton, J. P. 7033
Peñuelas, J. 855, 5417
Peoples, M. 4368
Pepegna, F. 6204, 6218
Pépin, R. 9296
Peracchia, G. 4399
Perane, R. R. 5787
Perata, P. 83, 3928, 4754
Perbal, G. 669, 1178, 9262
Percy, K. 3197
Perdomo, R. 3457
Pereira, A. B. 6775-6776
Pereira, J. C. V. N. A. 5631, 8303, 9122
Pereira, L. S. 4025
Pereira, M. de F. D. A. 7704
Pereira, P. R. G. 3218
Pereira Carvalho, P. 793
Pereira Dias, W. 543
Pereira Filho, I. A. 5424
Perenzin, M. 2140, 6197, 7074
Pereyra, S. M. 2543
Pérez, C. 8494
Perez, C. M. 973
Pérez, F. R. 8767
Pérez, N. 681
Pérez, P. 833, 5312
Perez, S. 3543
Pérez-Amador, M. A. 1111
Pérez-Amador, M. C. 5456
Perez-Campos, E. 7292
Pérez-Castiñeira, J. R. 2919
Perez-Lorente, R. 4290
Pérez Zamora, F. 2037, 7779
Perez Zamora, F. 8609, 9466
Periago, M. J. 5718-5719, 5722, 6694
Perkins, R. 5028
Perkins, W. R. 5043
Perler, O. 5734
Perng, J. I. 7804
Perniola, M. 6867, 6978
Pernollet, J. C. 6898
Perrin, V. 3162
Perrino, P. 6213, 7928
Perrot-Rechenmann, C. 3458
Pershin, B. M. 2292
Pershina, A. N. 2292
Persson, B. 5713
Persson, G. 8871
Persson, P. J. 1995
Peru, Red de Agricultura Ecológica del Perú 3561
Perumal, N. K. 9358
Perumal Siddhuraju 4145
Perumal Venkatachalam 4037
Perutz, M. F. 1865
Peruzzi, A. 4371
Pervin, S. 5525
Pesacreta, T. C. 9360
Peševski, M. 3467
Peske, S. T. 4653
Pessanha, G. G. 8365
Pessarakli, M. 2736
Pessoa, A. C. dos S. 417
Pessoa, P. C. S. 5747
Pestenácz, A. 4415
Petak, G. M. 91
Petcu, E. 4009, 4297, 8062
Peter, A. J. 7561
Peters, A. 66
Peters, M. 153
Peters, M. S. 5883
Peters, R. 6764
Peters, W. S. 7011, 8066
Petersen, D. J. 7524
Petersen, J. 122, 7184
Petersen, J. L. 3745
Peterson, B. V. 3143
Peterson, C. J. 35-36, 4490
Peterson, C. M. 8364, 9178
Peterson, G. A. 325, 790, 2893, 5608, 8785
Peterson, N. V. 9269
Peterson, R. E. 5065
Peterson, W. R. 180
Pethes, J. 5286
Petitprez, M. 4295, 5953
Petkov, K. 6742
Peťovský, P. 2172
Petr, J. 2071, 2137, 8637
Petraitienė, V. 7947
Petri, G. 1968
Petrichenko, V. F. 3971
Petříková, V. 2058
Petrikova, V. 391, 7861
Petrini, C. 4736
Petrov, E. A. 7837
Petrov, G. D. 1903, 4941
Petrov, M. 4719
Petrov, P. 1602, 6638
Petrova, L. I. 7818
Petrovanu, M. N. 3786, 3926
Petrović, N. 2496
Petrussa, E. 4291
Petruzzi, D. 163
Petrzik, K. 2637, 4063
Pettersson, R. 877
Pettigrew, W. T. 5902, 6817-6818
Pettinelli Junior, A. 5303, 7666
Peuke, A. 2600
Peuke, A. D. 4275
Peumans, W. J. 750
Peyrelongue C., A. 118, 326
Pfeffer, M. 6926
Pfeiffer, R. 9545
Pfeiffer, T. W. 1060
Pfeiffer, W. 2930
Pfeiffer, W. H. 5385
Pfender, W. F. 7380
Pfiffner, L. 9559
Pflaum, T. 5883
Pfleeger, T. G. 4440
Pfleiderer, U. E. 1878, 3273
Pfosser, M. 687
Pfündel, E. 3502
Pham Thi, A. T. 2429

Phan Lieu 4033, 6623
Pharande, A. L. 5336
Pharande, K. H. 5763
Pharis, R. P. 1309, 8196
Phene, C. J. 598
Philippou, N. 5517
Philis, J. 540
Phillips, B. S. 9529
Phillips, D. L. 2269
Phillips, J. 2552
Phillips, T. J. 6652
Phillips, V. R. 8764
Philo, J. S. 4089, 6690
Phipps, B. 5867
Phipps, B. J. 5051
Phirke, P. S. 447, 716-717
Phlomina, N. S. 6122
Phogat, D. S. 4746
Phogat, S. B. 9182
Phongyuth Nualbunruang 1762
Phool Singh 6550, 9425
Phoolchand 8505
Phul, P. S. 1559, 1828
Pi, M. M. 614, 3407
Pi MeiMei 614, 3407
Piaggesi, A. 1232
Piazza, E. 4833
Picard, G. L. 1660
Picardi, L. 1988
Picatto, C. 2265
Piccioni, C. 6214
Piccioni, I. 6207, 6215
Pichare, M. M. 3250
Pichereau, V. 7590
Pick, U. 8587
Pickardt, T. 5745
Pickering, N. B. 2104, 8174-8175
Picorel, R. 2495
Pīdryads'kiĭ, V. G. 54
Piechota, T. 2850
Pienkowski, S. 4147
Pieper, H. J. 1742
Pierce, F. J. 7401, 8090
Pieri, L. A. de 751
Pieri, S. 8529
Pierre, J. N. 2917, 6526
Pierzynski, G. M. 6518
Pietilä, L. 569, 1236
Pietkiewicz, S. 2843
Pietrasik, W. 7245-7246
Pietrusiewicz, J. 4631, 9215
Pietruszewski, S. 4, 5271
Pietryga, J. 1492
Pihakaski-Maunsbach, K. 7165-7166
Pikul, J. L., Jr. 1459, 1856
Pilarek, B. 4183
Pilbeam, C. J. 455, 811, 4839, 6178, 7579
Pilet, P. E. 8932
Pilipenko, T. Ya. 7208
Pilipenko, V. N. 7072
Pillai, K. G. 4793, 6865, 6969, 8965
Pillai, R. N. 5658
Pillai, R. R. 5585
Pillay, S. V. 9389, 9396
Pineda, M. 8647
Pinedo, M. L. 2154
Piñeros, M. 6233
Pinheiro-Alves, F. 3694
Pinhero, R. G. 8084
Pinho, J. L. N. de 5772
Pinkerton, A. 8543
Pinnegar, A. E. 1099
Pino, A. M. del 2610, 2616, 8529
Pino, S. 2610, 2616
Pino N., I. 326
Pinochet, X. 2004, 4019
Pinot, F. 4074
Pintér, J. 5437
Pinter, P. J., Jr. 87-88, 855, 2788, 8498
Pinto, M. C. de 4132, 5205, 8787
Pinto, P. A. 5095
Pinton, R. 6890, 8842
Pintos, B. 3256-3257
Pintro, J. 6376
Pînzaru, G. 4139-4140
Pioneer Hi-Bred International 6575-6576
Piór, H. 3657
Piotrowicz-Cieślak, A. 7589
Piotrowicz-Cieślak, A. I. 7588
Piotrowska, G. 7174
Piotrowski, J. 6741
Piper, E. L. 354, 5660
Pirani, V. 2610, 2616
Pires, J. L. 1630
Piro, G. 7159
Piróg, H. 9261
Pirog, S. 5159
Pisante, F. Q. C. M. 3607
Pisante, M. 1801
Piskier, T. 2197
Piszcz, U. 6188, 6190
Piszczalka, J. 909
Pitcher, L. H. 7763
Pitkethley, R. 9485
Pitol, C. 2056
Pittol Martini, L. C. 558
Pitts, J. R. 3351
Pitz, W. 8866
Pizło, H. 2367, 2390
Pizzolato, T. D. 7958
Pizzoli, L. 9307
Planchon, C. 661, 9150
Planchuelo, A. M. 5793
Plant, R. E. 5075, 5225, 6834
Plant Breeding International 2207
Plantureux, S. 4632
Plas, L. H. W. van der 7638, 7726
Plasencia, J. 6380
Platt, H. W. 514-517
Plaxton, W. C. 2018
Płaza, A. 3281, 3312
Pleijel, H. 148, 7984
Plenchette, C. 2875
Plenzler, G. B. 2195
Plew, J. N. 451
Pliska-Matyshak, G. 6332
Plissey, E. S. 1908
Ploper, L. D. 8357
Ploschuk, E. L. 5097
Pluchard, P. 1464, 7071
Plumb, R. T. 6981
Plyusnina, T. Yu. 8786
Poag, M. A. 292
Pobezhimova, T. 5457
Pobezhimova, T. P. 5464
Poca, E. 6387
Pocceschi, N. 2874
Podbury, T. 4449
Poddar. R. 5129
Podder, A. K. 4151, 5250
Podlaska, J. 1885, 8230
Podlaski, S. 8230
Podleśna, A. 5712
Podleśny, J. 1855, 9181
Podmore, T. H. 4584
Podolska, G. 1457, 8752
Podsiadło, C. 6293
Podstawka-Chmielewska, E. 4155
Poeller, G. J. 2262
Pohlan, J. 5016
Poi, S. C. 1832
Poihega, J. M. A. 4227
Poile, G. J. 8763
Pokorný, E. 3705
Pokrant, H. 7030
Pokrovskaya, E. V. 6986
Pol, P. S. 5188, 5768, 5921, 6085
Poláčeek, M. 2138
Poláček, M. 3487
Polanco, D. 2916
Poland, Botanical Society of Poland 8701
Poland, Instytut Agrofizyki im. Bohdana Dobrzańskiego PAN, Lublin 4457
Poland, Katedra Chemii Rolniczej, Akademia Rolnicza, Wrocław 6149
Poland, Komitet Uprawy Roślin Polskiej Akademii Nauk, Instytut Uprawy, Nawożenia i Gleboznawstwa 9575
Poland, S. M. 9491
Polara, K. B. 7982
Polev, N. A. 4546
Polevoi, V. V. 942
Polevoy, A. N. 9097
Polge, N. D. 8918
Poli, M. 6202, 6219
Polikarpova, N. Ya. 6972
Polimbetova, N. S. 2092
Polisetty, R. 453, 1175, 8407
Politi, A. 991
Polityko, P. M. 4369
Pollet, B. 4195
Polley, H. W. 8834
Pollock, C. J. 2687, 3806, 6317, 7053
Pollock, K. M. 2731
Polo, A. 8782
Polo Montes, A. 1263
Poltanee, A. 640
Poluektov, R. A. 3637
Polya, G. M. 8570
Polyakova, V. A. 5727
Poma, I. 2406, 5085-5086
Pomeroy, M. K. 4817
Pommer, U. 3767
Pongkao, S. 1833
Poniedziałek, M. 9257
Ponnuswamy, A. S. 2573, 7663
Ponnuswamy, K. 6629
Ponomarenko, S. P. 4912
Ponomarev, L. I. 3920
Ponomarev, Y. N. 2693
Ponomareva, E. G. 2827
Pons, R. 6198
Pons, T. L. 1817
Pontailler, J. Y. 760
Pontis, H. G. 6478
Ponz, R. 4267
Ponzone, C. 1640
Poonia, B. L. 5197
Poorter, H. 1402, 6118
Poortmans, F. 4092, 5754
Popa, M. 7063-7064
Pope, J. M. 4277
Popelka, J. C. 1098
Popescu, C. 4377
Popham, T. W. 7061
Popiers, D. 8339
Popov, A. N. 1865
Popov, A. V. 7721
Popov, V. V. 3920
Popova, L. P. 1568, 2219, 3202
Popović, M. 2496, 6620
Popović, R. 2890
Popovic, R. 7187
Pöpperl, G. 8011
Porcelli, C. A. 672, 8550
Porfiri, O. 2140, 6204, 6218, 6221
Porpavai, S. 6050
Porteous, D. J. 377
Porter, D. O. 5890
Porter, G. A. 520, 1908
Porter, J. 2196
Porter, J. R. 86, 2177
Porter, L. K. 183, 1462, 6350
Porter, P. M. 594, 7210, 8882, 8890
Porter, R. P. 5890
Portugal, Instituto de Protecção da Produção Agro-Alimentar 4954
Poschenrieder, C. 4617, 8054
Poschenrieder, W. 8017
Pospišil, R. 3539
Pospíšilová, J. 2437, 2486, 2641, 4156, 4909-4911, 6012
Possenti, J. C. 8225
Posta, K. 8095
Postiglione, L. 3225, 5138
Postles, B. C. 7477
Posypanov, G. S. 4075
Potapenko, V. N. 6183
Potaturina, N. V. 2360
Potdukhe, N. R. 3032, 3893, 3899, 4366, 9062
Pothiraj, P. 4879
Potkile, S. N. 5627-5628
Potter, K. N. 905, 7024
Potter, T. D. 8545
Pottosin, I. I. 7189
Poulik, Z. 7160
Pouliquen, D. 7015
Poultney, R. 3062
Poulton, P. R. 6180
Pounder, J. I. 5272
Pouono, K. 4229
Poushkarov, N. 5491
Poustini, K. 5355
Powar, S. L. 6508, 7325
Powell, G. 3457
Powell, J. M. 5233
Powell, N. L. 8894
Powell, R. L. 2304
Power, J. B. 5001
Power, J. F. 179
Powers, J. R. 1643
Powles, S. B. 2779
Powlson, D. S. 6180
Požėlienė, A. 2631
Pozuelo, J. M. 7591
Pozzebon, E. J. 417, 558
Pozzi, T. 650
Prabahar, G. 4878
Prabakaran, J. 2402, 8395
Prabhakaran, J. 2341
Prabhakaran, N. K. 6624, 8312
Prabhjyot Kaur 7961
Prabhune, R. N. 8487
Pradedova, E. V. 5464
Pradet, A. 2249, 8170
Pradhan, A. C. 6411, 9399
Pradhan, B. K. 8995
Pradhan, N. P. 8813
Pradhan, S. 7400
Pradhan, T. 4747
Prahlad Singh 9486
Prakash, A. H. 8540
Prakash, C. S. 589, 9178
Prakash, K. R. 3793
Prakash, K. S. 1154
Prakash, O. 7903
Prakash, S. 1851, 6471, 8403
Prakash, S. S. 8528
Prakash Kumar 6912
Prakash Patil 1175
Prakasha Rao 606
Pramanik, S. C. 1323
Pramudia, A. 305
Prange, R. K. 2559
Prasad, A. 8113, 8144
Prasad, B. 3080, 8038
Prasad, B. N. 6639
Prasad, B. N. R. V. 279
Prasad, D. 2690, 8113, 8144
Prasad, G. 2254, 5470, 9246
Prasad, J. 8038
Prasad, K. 282-283, 446, 1484, 1689, 1845, 2286, 6439, 6908
Prasad, M. 1514, 9353
Prasad, M. N. V. 2248, 5253
Prasad, M. V. 9171
Prasad, N. K. 5184, 7363
Prasad, P. R. 7690, 8506
Prasad, P. V. N. 4886
Prasad, P. V. V. 643, 8307
Prasad, R. 817, 3080, 4325, 4668, 5344, 9353, 9449
Prasad, S. C. 6457
Prasad, S. N. 9481
Prasad, S. R. 7770
Prasad, S. S. 5994, 7222
Prasad, T. G. 3642, 7449
Prasad, T. K. 2945
Prasad, T. N. 249, 1275, 7222
Prasad, T. V. R. 1983, 2614
Prasad, U. K. 249, 1275, 7222
Prasad, U. S. 9449
Prasad Kumar 2997
Prasanna, K. P. 1944
Prasanna Mohanty 1318
Prasertsak, A. 9049
Prášil, I. 5612
Prášilová, P. 5612
Prasittikhet, J. 4726
Prastowo, B. 2446, 2477
Prat, R. 4863
Prat, S. 1233
Pratap Singh 7736, 9079

Pratibha, G. 4793, 6865, 6969
Prato, T. 1479
Pratt, K. J. 6843
Praveen, S. 5348, 8403
Prawato, A. A. 8100
Praznik, W. 5837, 6781
Preiti, G. 4463, 6212
Prem Singh 9465
Premachandra, G. S. 5099
Premalal, K. P. S. B. 3268
Premananda Das 7383
Premchand 8113, 8144
Premkumar, A. 1839
Premsekhar, M. 6805, 6966
Prentice, I. C. 3500
Présing, M. 3580
Press, M. C. 7367
Preston, C. M. 2934
Prestwidge, D. B. 6067
Pretorius, D. C. 3946
Pretorius, M. M. 8477
Pretorius, Z. 2149
Preuss, D. 5213
Preziosi, P. 1552
Priadka, J. 6985
Price, A. 1409
Price, A. M. 37, 135-137
Price, G. D. 5140
Price, H. J. 2617
Price, J. C. 2499
Price, J. S. 2619
Price, K. 4887
Price, K. R. 476, 4892, 5794
Price, L. J. 2922
Price, T. P. 9235, 9485
Prima, G. di 6208, 6210
Primavesi, A. C. P. A. 4543
Primavesi, O. 4543
Princen, L. H. 2121
Prinsen, E. 9408
Prior, S. A. 2347, 5906, 7839
Prioul, J. L. 2914, 5484
Prishchep, N. I. 3490
Pritchard, J. 875, 3773, 7856, 8580
Priti Manglik 7444
Pritoni, G. 1282, 6881
Priyono, S. 2446, 4141
Probert, M. E. 6744, 8884
Proceedings of the Japanese Society of Sugar Beet Technologists 3557
Procházka, J. 2071
Procházka, S. 5928
Procházková, B. 7998
Procházková, M. 2144, 3487
Proft, M. P. de 5816
Proietti, P. 7805
Proietti, P. di 1552
Promdang, S. 1692
Promila Kumari 5128
Prośba-Białczyk, U. 2523, 2541, 4237
Prostko, E. P. 3978
Protasova, N. A. 5215
Provan, G. J. 3788
Provart, N. J. 7648
Provorov, N. A. 3194, 4062
Prueger, J. H. 1856
Prugar, J. 2113, 3305
Pruneddu, G. 3820, 6211, 6422, 6451, 8979
Prusiński, J. 9266
Prusty, J. C. 5126
Pryadkina, G. A. 336
Przestalski, S. 1401
Psaras, G. K. 6334
Pšenák, M. 9428
Psota, V. 5411
Ptak, W. 2799
Pu, H. M. 6889
Pu HuiMing 6889
Pudełko, J. 1491
Pudelko, J. A. 7894
Puech, J. 7069, 7134, 8030, 8893
Puente, L. S. de la 833
Puente, X. S. 1570
Puettmann, K. J. 7423
Pueyo, J. J. 2495
Pugin, A. 2021
Puglia, S. del 6214
Pugliesi, C. 8532
Puig-Parellada, P. 4547
Pujari, B. T. 595, 2891, 3412
Pujol, B. 2169
Pukhal'skaya, N. V. 5362, 5420, 8876
Pulatov, B. Kh. 8491
Pulkrábek, J. 483, 2486, 2497, 4156, 4909-4911, 7608
Pundir, R. S. 8746
Pupillo, P. 6750
Purakayastha, T. J. 2633
Puranik, R. B. 6566
Purcell, L. C. 4761, 7424, 8278
Purcell, P. C. 6322
Purchase, J. L. 822
Purea, M. 4226
Puri, U. K. 6353
Purkar, J. K. 4860
Purnomo, J. 4800
Purushothama, M. G. 8540
Purushothaman, S. 6716
Purushottam, S. M. 6519
Purushottam Kumar 821
Pury, D. G. G. de 6993
Pusateri, K. 6843
Pushpendra Kumar 449
Puste, A. M. 1166
Puteh, A. B. 5684
Putman, C. A. J. 961
Putnam, D. H. 5957
Puts, B. 7634
Puttaswamy, T. 5615
Putz, B. 7644
Puype, C. 4683
Puzina, T. I. 1925, 4978
Pyneeandee, D. 9446
Pyon, J. Y. 285
Pyton, M. E. 5258
Qi, A. 3906
Qi, A. M. 4357
Qi, C. K. 6889
Qi, C. Y. 2829
Qi, J. 8498
Qi, J. M. 9373
Qi, Q. G. 3187
Qi, X. F. 6497, 8161
Qi, X. H. 6262
Qi, X. M. 2815
Qi AiMing 4357
Qi ChenYun 2829
Qi CunKou 6889
Qi JianMin 9373
Qi QunGang 3187
Qi XinHua 6262
Qi XiuFang 6497, 8161
Qi XueMei 2815
Qian, D. Q. 5143
Qian, J. 3629
Qian, P. 1310, 2678
Qian, P. Y. 4311
Qian, W. P. 7968
Qian, Y. D. 3815
Qian DaQi 5143
Qian Jin 3629
Qian PeiYuan 4311
Qian WeiPu 7968
Qian YongDe 3815
Qiao, C. G. 151
Qiao, Y. X. 1069, 8301
Qiao, Z. 7432, 9152-9153
Qiao ChunGui 151
Qiao YanXiang 1069, 8301
Qin, G. W. 8870
Qin, H. 8653
Qin GuoWei 8870
Qin Hong 8653
Qiu, B. Q. 3875
Qiu, J. L. 5064
Qiu, K. F. 5531
Qiu, X. F. 3000
Qiu, Z. J. 5531
Qiu, Z. S. 1645
Qiu BoQin 3875
Qiu JinLong 5064
Qiu QuanSheng 3659
Qiu XinFa 3000
Qiu ZeSheng 1645
Quader, M. 6736
Quadt-Hallmann, A. 3179
Quaglietta Chiarandà, F. 5436
Quail, J. W. 7840
Quan, J. Z. 3063
Quan, Z. J. 3534
Quan ZhiJie 3534
Quarish, Z. 656
Quarrie, S. A. 3670, 5474
Quartacci, M. F. 837
Quartin, V. L. 1548
Quattrini, M. M. 4987
Quattrochi, D. A. 4443
Quayyum, M. A. 4648
Queiroz, E. F. de 3944, 6603
Queiroz, J. E. 5747
Quemada, M. 8855
Quentin, M. 7684
Quesada, A. 972
Quevedo, M. A. 2562
Qui, Q. S. 3659
Quick, J. S. 33
Quick, W. P. 1226, 6110, 9580
Quideau, S. 3768
Quilang, J. 5562
Quiles, M. J. 3711
Quillien, L. 5721
Quintana, J. M. 1139
Quintanilla, C. F. 830
Quintero D., R. 8601
Quintrec, A. le 8631
Qureshi, A. U. 3168
Qureshi, J. N. 3310
Qureshi, R. H. 622
Rabaey, T. L. 8048
Rabbinge, R. 2107, 4567, 9553, 9556
Rabie, K. A. E. 5741
Rabikowska, B. 6188, 6190
Rabotti, G. 3441
Răcaru, V. 1797
Rachón, L. 9272
Raczyńska-Bojanowska, K. 930
Radder, G. D. 7459
Radecki, A. 764
Radenberg, T. 4099
Radenović, Č. 2907
Radenovich, Ch. 2907
Radford, B. J. 3028-3029
Radha Bhattacharya 8377
Radhakrishnan, T. 1771, 5244
Radhey Shyam 5575
Radhika, K. 7814
Radivojević, S. 3277, 3283, 3291-3292, 6748
Radłowski, M. 212, 4136
Radmehr, M. 7140
Radostev, V. V. 3577
Răducanu, F. 7178
Radunz, A. 3432, 8581
Radwan, F. E. 1252
Radwan, F. I. 5390
Radwan, M. A. 2302
Radziszewski, J. 1860
Raeini-Sarjaz, M. 6693
Rafailov, R. 6356
Rafey, A. 282, 446, 7363
Raffaillac, D. 1985
Raffaillac, J. P. 6794
Rafiq Ahmad 1268
Rafique, E. 4803-4804, 6374, 6527
Ragasits, I. 7916
Raggi, V. 6205
Raghavaiah, C. V. 9171
Raghavan, G. S. V. 351, 5226
Raghavulu, P. 6628
Raghu, J. S. 2632, 4884, 5189
Raghumohan, N. G. 9074
Raghunatham, G. 6864
Raghuvanshi, R. S. 8668
Raghuveer Polisetty 453, 1175
Raghuvir Singh 5156
Raghuwanshi, N. S. 1806, 7515
Raha, S. 8124, 8525
Rahier, A. 210, 2921
Rahman, A. K. M. H. 7316
Rahman, H. H. 5198
Rahman, K. M. 340
Rahman, M. 5250
Rahman, M. H. 3939, 4768, 6608
Rahman, M. H. H. 3147
Rahman, M. M. 6721
Rahman, S. 656, 5528
Rahmatullah 1987, 3832, 9388
Rahmianna, A. A. 2478, 2482
Rahn, C. 7073
Rahoutei, J. 1639
Rai, B. 2012
Rai, L. 9076
Rai, M. 5927
Rai, R. K. 1363, 9455
Rai, S. N. 8408
Rai, S. P. 1344
Raíces, M. 4189
Raid, R. N. 8610
Raiford, T. J. 8386
Raihan, S. 4663
Raij, B. van 1616, 3948
Raikhel, N. V. 689, 1117
Raila, A. 3397
Raina, R. 7557
Rains, D. W. 140, 2862
Raj, A. S. 372
Raj Singh 4802, 8554, 9417
Raja, S. N. 3483
Rajagopal, A. 990, 2614, 7408
Rajagopal, V. 8117
Rajaguru, S. B. 586
Rajalakshmi, S. 2468
Rajam, M. V. 3008
Rajaram, S. 8739-8740
Rajarathinam, S. 4879, 8191
Rajasekaran, B. 1725
Rajasekaran, K. 621
Rajasekaran, L. R. 7535
Rajbir Singh 9477
Raje, R. S. 7565
Rajender Kumar 43, 7913, 8079
Rajendiran, K. 663, 9390
Rajendra Gupta 9464
Rajendra Prasad 4325, 4668, 5344
Rajendran, P. G. 5840
Rajendraprasad, S. 907, 4641
Rajesh Kumar 9464
Rajeswari, V. R. 6810, 8484
Rajgire, H. J. 1952, 6448
Rajhans, K. S. 5588-5589, 5594
Rajić, M. 3274
Rajičić, M. 3079, 3116, 3936
Rajinder Singh 5977, 6809
Rajiv Angrish 4755
Rajkhowa, D. J. 6626
Rajkowa, D. J. 262
Rajni Raina 7557
Rajput, A. L. 1156, 1176, 8351
Rajput, A. M. 6568, 7020
Rajput, J. C. 5798
Rajput, O. P. 4881
Rajput, R. I. 8623
Rajput, R. L. 1951, 5117, 5862, 6077, 9349
Raju, A. P. 3447, 6041, 6100
Raju, A. S. 657, 5947
Raju, D. V. N. 2040
Rajvir Sharma 7101, 7581, 7932
Rakesh Kumar 6564
Rakhimov, D. A. 1234
Rakhimova, O. V. 4075
Rakhmanberdyeva, R. K. 1234
Rakitin, V. Y. 4263
Rakitin, V. Yu. 9361
Rakkiyappan, P. 1359, 2654
Raklevičienė, D. 6336
Rakotomamonjy, S. 7249
Rakow, G. 2020
Ralph, J. 2803, 3768
Ralph, R. L. 7917
Ram, C. 3943
Ram, D. 6550
Ram, G. V. R. 4020
Ram, H. 4107
Ram, H. H. 9167
Ram, K. 8629
Ram, M. 8568
Ram, N. 1848, 7087
Ram, P. 7903
Ram, S. 1770
Ram Kala 726
Ram Lakhan 8440
Ram Niwas 8207, 9081, 9555
Ram Singh 8554, 9417

Ramachandra Reddy, A. 3343
Ramachandram, D. 6038
Ramachandran, R. 2856
Ramachandrappa, B. K. 379-380, 908, 3369, 5925
Ramadan, A. B. 1657
Ramadan, H. M. 1556
Ramaiah, H. 1154
Ramaiah, R. 444
Ramakrishna, A. 7573
Ramakrishna, Y. S. 1973
Ramakrishnayya, B. V. 5998, 7756
Ramakrishnayya, G. 1015
Ramalho, J. C. 5700
Ramalho, M. A. P. 5424
Ramalingam, A. 2297
Ramallo, J. C. 3117
Ramamoorthi, N. 1161, 8395
Ramamoorthy, K. 2341, 7312, 7694, 8186, 8226
Ramamurthy, V. 1058, 1474, 3391, 4601, 5604
Raman, K. V. 536
Ramana, E. V. 9276
Ramana, S. 8574
Ramanagouda, P. 8029
Ramanathan, S. P. 1160
Ramani, V. B. 8557
Ramanjulu, S. 8859
Ramanujam, M. P. 1777
Ramasamy, M. 7598, 7794, 8226
Ramasamy, P. 3061, 3959
Ramaswami, C. 701
Ramdeo 1375
Rameau, C. 4827
Ramesh, P. 2651, 6025
Ramesh Babu 2065
Ramesh Chandra 1932
Ramesh Thatikunta 4797
Rameshwar Kumar 1311
Ramey, H. H., Jr. 6850
Ramiah Sivakanesan 586
Ramírez, H. V. 9003
Ramírez, J. A. 498
Ramírez, R. 2250, 2916
Ramirez A., I. 26
Ramit Poddar 5129
Ramløse-Svendsen, L. 6155
Ramos, A. L. 9226
Ramos, J. M. 7175
Ramos, M. E. 2048
Ramos, M. L. G. 3139
Ramos, M. V. 3270
Ramos, N. 4364
Ramos, V. J. 5305
Ramputh, A. I. 2380
Ramraj, V. M. 6980
Ramsay, G. 3203
Ramsey, M. H. 8270
Ramshe, D. G. 5116, 6084
Ramsperger, V. C. 2649
Ramteke, J. R. 8973
Ramteke, S. D. 5786
Ran, Y. D. 5968
Ran YiDong 5968
Rana, K. S. 449
Rana, M. K. 4934
Rana, M. S. 9312, 9314
Rana, S. P. 9555
Ranalli, G. 6207, 6215
Ranalli, P. 1929, 1967, 8326, 9218
Ranbir Chhabra 794
Ranbir Singh 4491, 8745
Rancati, G. 9093
Randall, D. D. 6644
Randall, G. W. 916, 6167, 8879, 8897
Randall, P. J. 5105
Randall, R. 5494
Randhir Singh 1150, 4511, 7734, 8325
Rane, A. E. 8241
Rane, J. 7953
Ranganadhacharyulu, N. 6810
Ranganna, B. 351
Rangaswamy, M. 988, 1284, 8390
Rangel, A. O. S. S. 3296
Rani, A. S. 7473
Rani, B. P. 7407
Rani, C. K. S. 1094
Rani, K. J. 6864
Rani, T. U. 6502
Ranieri, A. 5963
Ranjan Gupta 7734
Ranjeva, R. 3503
Ranjith, S. A. 9456
Rank, B. 706
Ranparia, C. P. 3264
Ransom, M. D. 3053
Ranst, E. van 6408
Rao, A. 6258
Rao, A. D. 9232
Rao, A. H. 5997
Rao, A. S. 275, 1056, 1842, 2074, 3083
Rao, A. V. M. S. 1973
Rao, B. R. C. P. 6522
Rao, B. S. 7549
Rao, B. V. R. 1973
Rao, C. C. 5998
Rao, C. G. P. 1831
Rao, C. H. 1469
Rao, C. L. N. 8099
Rao, C. P. 5994, 7324
Rao, C. R. N. 5993
Rao, C. S. 2074
Rao, D. G. 1973, 3027
Rao, D. N. 6991
Rao, D. S. K. 443
Rao, D. S. R. M. 9419
Rao, G. G. 7739
Rao, I. V. N. 2040
Rao, I. V. S. 441-442
Rao, J. A. V. P. 5994, 5999
Rao, J. V. D. K. K. 1846, 8392
Rao, K. C. 3460, 7787-7788
Rao, K. H. P. 4886
Rao, K. J. 3749, 6102
Rao, K. K. 7880
Rao, K. L. 2040, 4886, 5629, 6674
Rao, K. L. N. 6923
Rao, K. S. 241, 1374, 4670, 7332, 8594
Rao, K. V. 3447, 5479, 6041
Rao, K. V. G. K. 8827
Rao, K. V. K. 6531
Rao, K. V. M. 3248, 9250-9251
Rao, K. V. N. 9389
Rao, K. V. S. 1775
Rao, L. J. 7323
Rao, L. M. 372
Rao, M. V. 8084
Rao, M. V. H. 2065
Rao, N. K. 4662, 6515
Rao, N. M. 8363
Rao, N. P. 5990, 6038
Rao, P. 606
Rao, P. C. 6357, 7421
Rao, P. G. 443
Rao, P. N. 4346
Rao, P. N. G. 9445
Rao, P. S. 6048-6049, 6500, 8373
Rao, P. V. 6864
Rao, R. B. N. 5990, 6038
Rao, R. C. N. 1775, 5695
Rao, R. S. 5995
Rao, S. 4759, 9068
Rao, S. C. 3591
Rao, S. S. R. 9169
Rao, S. V. 3044
Rao, T. J. V. S. 9176
Rao, T. K. V. K. M. 3451, 6047
Rao, T. K. V. V. M. 3447, 6041
Rao, T. M. 7569
Rao, T. N. 6864
Rao, T. P. 2454, 9252
Rao, T. V. 7068
Rao, T. V. R. 632
Rao, V. B. 7296
Rao, V. P. 642-643, 645, 7474
Rao, V. R. B. 3451, 6047
Rao, V. S. 3793, 9389
Rao, V. U. 1842
Rao, V. U. M. 9418
Rao, Y. L. C. 376
Rąpała-Kozik, M. 1651
Raper, R. L. 5870
Rapi, B. 2346
Rapparini, G. 198
Raruqui, O. R. 9198
Rasal, P. H. 454, 8290, 8382
Răşcănescu, M. 489, 2485, 4914
Raschi, A. 3073
Rascio, N. 882
Rashad, M. H. 7257
Rashed, M. N. 5800, 8867, 9080
Rashid, A. 4803-4804, 6374, 6527
Rashid, H. 2463
Rashid, K. Y. 1977
Rashid, M. 5333
Rashid, M. A. 2441, 5496
Rashid, M. M. 536
Rashid Ibrar 1512, 7695
Rashidova, S. Sh. 617
Rashkes, A. M. 4257
Rashkes, Ya. V. 4257
Rashkovich, N. L. 2680
Raskin, I. 6490
Rasmussen, C. B. 6324
Rasmussen, G. 1493-1494, 4495
Rasmussen, J. 7184
Rasmussen, K. 7184
Rasmussen, K. J. 2845, 3475
Rasmussen, M. S. 5602
Rasmussen, R. D. 7120
Rasmussen, S. K. 6324
Rasmusson, A. G. 1923
Raso, E. 4635
Rasocha, V. 2513, 4939
Rastija, M. 3279, 7091
Rastogi, N. K. 8133
Rasul, E. 7790
Rasul, G. 1022
Ratajczak, R. 7204
Ratajczak, W. 3260
Ratan Singh 9481
Ratcliffe, R. G. 4428
Rath, B. S. 3253, 7906
Rathbun, E. A. 408
Rather, M. D. 2312
Rathi, G. S. 3171
Rathi, K. S. 5114-5115
Rathi, S. S. 1495, 1498, 4492, 8770
Rathinam, A. 2297
Rathinam Kumaresan 8363
Rathjen, A. J. 397
Rathnasamy, R. 2236
Rathnaswamy, R. 2236, 3959, 8390
Rathore, A. L. 4422
Rathore, A. S. 4898
Rathore, B. S. 7538
Rathore, O. P. 6037
Rathore, T. R. 7317
Ratledge, C. 5964
Ratnasiri, W. G. A. 1361
Ratnaweera, U. 4841
Ratnayake, C. 1293
Ratnayake, U. 4683
Ratsch, H. C. 4440
Rauf, C. A. 3986
Raun, W. R. 722, 5283, 5298, 8754
Raupach, M. R. 3680
Raupp, J. 728, 5248
Rausch, T. 685
Raut, N. D. 4759
Raut, V. M. 5622, 8232-8233
Răuţă, C. 189
Rautenbach, A. J. 822
Ravanel, P. 7255
Ravasio, L. 9296
Raveesha, K. A. 8247
Ravelo, A. C. 2352, 5793
Raven, J. A. 2918, 3626, 4537, 4576
Ravender Singh 6909
Ravenel, J. 2549
Raveton, M. 7255
Ravi, I. 1710
Ravi, K. B. 2402
Ravi, V. 2569-2570, 5843, 5850, 5853
Ravi Hunje 5577
Ravichandra, B. C. 4600
Ravichandran, V. K. 2373, 2602, 2716, 5227, 7403
Ravikesavan, R. 8390
Ravikumar, A. 6628
Ravinder, N. 643
Ravindra, V. 1779, 6625, 8318
Ravindra Singh 8002, 8744, 8852
Ravindran, G. 586
Ravindran, K. C. 1838
Ravindran, V. 586
Ravindraraju, V. 3265
Ravnikar, M. 4199
Rawat, G. S. 5567
Rawat, M. S. M. 2690
Rawatkar, S. S. 5578
Rawlat, A. K. 1083
Rawson, H. M. 2187, 2784, 3645, 3650, 3661-3662, 3677, 4455, 6260
Rawsthorne, S. 2621, 8509
Ray, B. C. 1497
Ray, D. N. 505
Ray, J. D. 8078
Ray, N. 20, 2180
Ray, R. C. 5839
Rayaguru, K. 7320-7321
Rayburn, E. 9491
Raychaudhuri, A. 2322
Raymer, P. L. 1743, 1993, 5448, 6875, 9140
Raymond, M. A. A. 8405
Raymond, P. 2249
Raz, V. 5144
Razdan, M. K. 8712
Razera, L. F. 8303
Razi, S. S. 6503
Razmi, K. 5574
Razzaq, A. 6171
Razzaque, M. A. 8984
Re, A. A. M. del 8240
Re, L. dal 4918
Rea, G. 8413
Rea, P. A. 7527
Rea, R. 3452
Read, N. 2808
Read, P. E. 4853
Read, P. J. 548, 4931
Readman, R. J. 4480
Rébeillé, F. 4044
Rebelo, J. A. 519, 3314
Rebordinos, L. 4563
Recke, H. 3310, 8632
Recourt, K. 9224
Redaelli, R. 2140
Redden, R. 5760
Redden, R. J. 1810, 5746
Reddy, A. R. 318, 2451, 3343
Reddy, A. T. 7690
Reddy, B. B. 7323, 7474, 7814, 7814, 8116
Reddy, B. G. 7241
Reddy, B. L. 7457
Reddy, B. M. 2956, 6519
Reddy, B. R. 7466
Reddy, B. S. 7466
Reddy, D. M. V. 4762
Reddy, D. R. 7323, 8076, 8116
Reddy, E. V. R. 7556
Reddy, G. D. 8777-8780
Reddy, G. L. 9276
Reddy, G. M. 1095, 5479, 6502, 7473
Reddy, G. P. 4284, 6415
Reddy, J. N. 1015
Reddy, K. C. 4680, 5889
Reddy, K. J. 7457
Reddy, K. R. 3343, 3366, 5059, 5071, 5908, 7680
Reddy, K. S. 1056, 3083
Reddy, L. R. 1095
Reddy, M. D. 8373
Reddy, M. G. R. 7880
Reddy, M. M. K. 7457
Reddy, M. N. 6522
Reddy, M. S. 6357, 7241
Reddy, M. V. 7556
Reddy, N. S. 6415
Reddy, P. C. 7449, 8540
Reddy, P. M. 7466

Reddy, P. R. R. 7474
Reddy, R. K. 6896
Reddy, R. U. 5945
Reddy, S. N. 5945-5946
Reddy, T. M. M. 6431, 6433, 7549
Reddy, T. P. 2008, 5771, 7733, 9241, 9414
Reddy, T. Y. 6415
Redecker, D. 9234
Redfearn, M. 9285
Redig, P. 936
Redinbaugh, M. G. 211, 8075
Redondo, J. 8647
Redulla, C. A. 177, 8898
Redžepović, S. 2761
Reece, C. F. 552
Reed, D. W. 6924
Reedijk, J. 3784
Reents, H. J. 7623
Rees, K. C. J. van 58, 7123
Rees, R. 4449
Rees, R. M. 4753, 5287
Reetz, H. F., Jr. 8899
Reeves, A. F. 520, 1908
Reeves, D. W. 5870, 7672, 7894
Regazzi, A. J. 1168
Reggiani, R. 996, 1020, 9022, 9055-9056
Reghenzani, J. R. 6062
Régnier, T. 3631
Regnier, T. 3634
Rego, T. J. 6517, 7573
Reiber, J. M. 1157
Reich, V. H. 4253
Reichardt, K. 2233
Reicosky, D. C. 2348, 4590, 7865, 8955
Reid, C. D. 4018
Reid, D. M. 3396, 7840, 8060, 8536
Reid, J. B. 4051
Reid, J. S. G. 8670
Reid, R. J. 4533, 6237
Reimholz, R. 1228, 4965, 5833
Reinbothe, C. 1393, 3708, 7830
Reinbothe, S. 1393, 3708, 7830
Reinbott, T. M. 9125
Reinds, G. J. 4973
Reinecke, D. M. 1792
Reinert, D. J. 2948
Reinschmiedt, L. L. 5020
Reis, E. M. 5261, 6229
Reis, F. P. 6771
Reis, M. S. 3154, 8281
Reis Condé, A. 3977
Reitz, P. 7153
Reitz, S. R. 432
Rejekiningrum, P. 305
Rek, J. 7635
Rekoslavskaya, N. I. 5324
Rekowski, P. 4136
Relić, S. 3116
Remedia, F. 8189-8190
Rémy, R. 2939
Ren, C. L. 3723
Ren, J. Z. 799
Ren, L. J. 6925
Ren, M. G. 270
Ren, Y. 7308
Ren, Y. H. 1338, 4509
Ren ChengLi 3723
Ren JiZhou 799
Ren MingGang 270
Ren YongHao 1338, 4509
Ren Yu 7308
Renard, M. 2627
Renganayaki, K. 4879
Rengel, Z. 834, 2683, 3706, 4498, 7104-7106, 7946
Renia, H. M. 4182
Renkema, J. A. 1879
Rennenberg, H. 1530
Renner, K. A. 487
Renno, J. F. 8205
Rensburg, L. van 5154
Rensen, J. J. S. van 6367
Rentería, T. R. 2431
Renu Maheshwari 8682
Repa, Š. 2810
Repka, J. 2797
Rerkasem, B. 3599, 3627, 3651, 4390, 9132
Rescher, U. 3781, 5471
Resende, J. C. F. de 3154
Reshetova, O. S. 8667
Reszel, H. 6192, 6636, 7820
Reszel, R. S. 6192, 6636, 7820
Retheesh, P. K. 9015
Retuerto, R. 3422
Reuler, H. van 8986, 8992-8993
Reust, W. 7635
Reuter, D. J. 8777-8780
Reuveni, M. 2029
Reuzeau, C. 8534
Revenskiĭ, V. A. 2361, 7633
Revensky, V. A. 7633
Revilleza, M. J. 6593
Revol, P. 7370
Revue Suisse d'Agriculture 29, 38-40, 100, 129
Reynaldo, I. 299
Reynolds, D. B. 3354, 7419
Reynolds, H. L. 4407
Reynolds, J. F. 4406, 8675
Reynolds, P. H. S. 8283
Reynolds, S. B. 5809
Reyss, A. 224, 950
Rezai, A. 5761
Rezende, L. M. 8142
Rhee, G. S. 2287, 2290, 4359
Rhee GyeongSoo 2287, 2290, 4359
Rhinhart, K. E. L. 5270
Rhizopoulou, S. 5216
Rho, C. W. 4992, 9335
Rho ChangWoo 4992, 9335
Rhoads, F. 5887
Rhodes, D. 1033
Rhodes, M. 4887
Rhodes, M. J. C. 5794
Ri, Y. G. 4659
Ri YunGil 4659
Riaz, S. 97
Ribarič-Lasnik, C. 2030
Ribas-Carbó, M. 3118
Ribas-Carbo, M. 5653
Ribeiro, M. L. L. 8261
Ricard, B. 8170
Ricardo, C. P. P. 4896
Ricci, D. 4049
Ricci, O. 9112
Ricci, O. R. 9109
Ricci, P. 2021
Rice, C. W. 178
Rich, P. R. 8256
Richard, C. 695, 5164
Richard, E. P., Jr. 702-704, 2039, 3454
Richard, G. 1206
Richard, L. 2575
Richard, M. 8547
Richard-Molard, M. 7605
Richards, I. R. 120, 1558
Richards, M. C. 6082
Richards, R. A. 5320
Richardson, A. 4336
Richardson, G. R. 8659
Richardson, M. 693
Richardson, P. 899
Richburg, J. S., III 378
Riches, C. R. 7251
Richter, C. 4885, 8792
Richter, G. 197
Richter, G. M. 1539
Richter, H. 4401
Richter, J. 5287
Richter, S. 4560
Rickauer, M. 7761
Ricken, B. 109, 4636
Rickerl, D. H. 5462
Rickert, K. G. 5950
Rico, M. I. 4599
Ricordeau, D. 7362
Ridder, D. N. de 1212
Riddle, K. A. 3202
Riechers, D. E. 2147, 8771
Ried, J. L. 7124
Riedel, J. 7618
Riedler, C. 5337
Riesmeier, J. W. 1226
Riethmuller, G. P. 2744, 4894
Rife, C. L. 5107
Rigano, C. 879
Rigaud, M. 4045, 6387
Rigsby, L. L. 1964
Riguad, J. 3206
Riha, S. J. 8385
Rijnders, J. H. G. M. 7307
Rijsberman, R. 796
Rikiishi, S. 2023
Riksen-Bruinsma, T. 3289, 4170
Riley, J. 3062
Rim, Y. D. 4729
Rim YongDal 4729
Rinaldi, M. 1588, 6078
Rincón, F. 5718, 5722, 6694
Rincón-Guzmán, A. 947
Rincón-Zachary, M. 4504
Río, L. A. del 1106, 4824, 6649
Rioux, R. 871
Ripley, E. A. 6279
Ripoll, C. 5077
Riquelme S., J. 6679
Rîşca, I. 3926
Risk, T. Y. 1628
Rissato, S. R. 5155
Ristau, E. A. 7423
Ristevski, P. 3526
Ristic, Z. 949
Rita, H. 7387
Ritchey, K. D. 3088, 3603
Ritchie, J. T. 623, 4975, 5483
Ritchie, K. B. 2898
Ritchie, R. M. 756
Ritchie, S. W. 8075
Ritter, M. A. 6332
Ritter, S. 1137, 7517
Rivas P., R. 101
Rivelli, A. R. 6867, 6978
Rivet, P. 7678
Riviere, V. 9446
Rivista di Agronomia 4454
Rivoal, J. 8170
Rizea-Savu, S. 2245
Rizk, F. A. 1102
Riznichenko, G. Yu. 8786
Rizzardi, M. A. 1630
Rizzi, E. 4611
Rizzo, V. 1588
Robbins, J. T. 5570
Roberson, R. 5050
Robert, M. 8631
Robert, P. C. 8034-8035, 8088, 8092
Robert, Y. 5251
Roberts, B. 3359, 5887, 6811
Roberts, B. A. 5038
Roberts, D. M. 7435
Roberts, E. H. 3906, 8277
Roberts, J. J. 31-32
Roberts, J. K. M. 955, 4187, 5487
Roberts, K. 7528, 8669
Roberts, R. K. 5042, 7671
Roberts, S. K. 6370, 7264
Roberts, T. H. 1923, 4967
Robertson, D. 9228
Robertson, J. A. 7190
Robertson, L. D. 1179
Robertson, L. N. 2044
Robertson, M. 8865
Robertson, M. J. 697, 2047, 2662-2663, 3459, 6060, 6067, 9444, 9448, 9463
Robichaux, R. H. 6967
Robina Sami 1096
Robinson, D. 206, 4431, 4537, 4576, 7148
Robinson, D. G. 2087, 7114
Robinson, D. K. 525
Robinson, D. L. 5603
Robinson, G. E. 6907
Robinson, J. M. 4772, 6601
Robinson, S. A. 5653, 7870
Robinson, S. D. 2188
Robredo, L. M. 476
Robson, A. D. 467, 3263
Roca, W. M. 6795
Rocchetti, G. 6204, 6218
Rocha, F. 1624
Rocha, F. A. T. 6771
Rocha, V. S. 1753-1754, 3154, 8218
Rochat, C. 5714
Roche, D. 4775
Rochefort, L. 3422
Rocher, J. P. 5484
Rochester, I. 3740, 4368
Rodella, R. A. 4573
Rodermel, S. R. 7429
Rodés, R. 706
Rodier, F. 2438
Rodin, S. V. 3920
Rodkiewicz, B. 7494, 7838
Rodoni, B. C. 8468
Rodoni, S. 2223
Rodrigo, M. J. 5716
Rodrigues, G. C. 5301
Rodrigues, J. C. S. 2034, 2653
Rodrigues, J. D. 4847, 6695, 8252
Rodrigues, M. S. 6187
Rodrigues, O. 4539
Rodrígues, R. C. 4351
Rodrigues, R. C. 5170-5171
Rodrigues, S. D. 8252
Rodríguez, A. R. 6136
Rodríguez, D. J. de 4285
Rodríguez, F. 5571
Rodríguez, H. G. 5487
Rodríguez, N. 4874
Rodríguez, P. 4180
Rodriguez, P. 5488
Rodríguez, P. A. 708
Rodríguez, R. 1980
Rodríguez, S. 2048
Rodriguez, S. M. 7938
Rodríguez García, R. 4285
Rodríguez-González, M. T. 1129
Rodriguez-Saona, L. E. 5828
Rodríguez-Sotres, R. 8068
Roelants, W. 7615
Roelcke, M. 5287
Roffey, R. A. 2410
Roga-Franc, M. 1542
Rogelio Aguirre, J. R. 4093
Roger, D. 3372
Rogers, D. H. 172-173, 7804
Rogers, H. H. 2347, 5906, 7839
Rogers, S. 4225
Rogl, S. 9325
Rognli, O. A. 125
Rogóż, A. 2684, 6869
Rogozhkina, T. B. 27
Rogozinska, I. 7643
Roh, M. H. 3184
Rohman, M. 8505
Rohman, P. C. 4692
Rohozinski, J. 7870
Röhrig, H. 8654
Roitman, L. 7500
Rokhin, A. V. 8491
Rokicki, E. 1542
Rokka, V. M. 569
Rola, H. 1627
Rola, J. 1860, 1997-1998
Roldán, O. E. 5985
Rolev, V. S. 2237
Rolfe, S. A. 102
Roli, F. 7874
Romagosa, I. 25, 8010
Roman, G. V. 7291
Roman, O. A. 3920
Romanenko, N. M. 482
Romanko, E. G. 1182
Romanov, G. 8661
Romanova, A. A. 2900
Romanova, A. K. 5727, 6381
Romeis, J. 7561
Romenskaya, I. G. 745
Römer, W. 4066
Romera, F. J. 394
Romero, C. 1974
Romero, E. 7774, 7785, 9466
Romero, E. R. 8609, 9459
Romero, L. 926
Romero, M. G. Y. de 3117
Romesh Khera 69
Römheld, V. 424, 1443, 2241, 2782, 2861, 7328
Romin, N. 5362

Ron, M. M. 1468, 1557
Roncedo, M. 2037
Ronga, G. 6213, 6222, 7990
Rongni, A. 2232
Ronson, C. 9281
Roobol-Bóza, M. 7486
Rooney, L. W. 3902
Rops, A. H. J. 4813, 4949
Ros, C. O. da 2882
Ros, F. 5722
Ros, G. 5718, 5722, 6694
Rosa, E. A. S. 5972
Rosamma, C. A. 8999
Rose, C. W. 4116
Rose, I. A. 6574
Rose, M. 4887
Rose, M. E. 4892, 5794
Rose, P. A. 2166, 6394
Röse, U. S. R. 1266
Roseman, Y. 4971
Rosen, C. J. 552, 5836, 6351
Rosenberg, N. J. 5240
Rosendahl, L. 1080
Rosenzweig, C. 777, 2552, 8835
Rösler, J. 3770
Rosolem, C. A. 8317
Ross, H. A. 1121
Ross, P. D. 1419
Ross, P. J. 6036
Ross, S. A. 3375
Rossi, C. 2121, 6700
Rossi, V. D. 8532
Rossiello, R. O. P. 2981, 9017
Rossignol, M. 1331, 3503, 6005
Rossini, F. 2822, 9377
Rossini, P. 3440
Rosso, F. 2491, 2493
Rostad, H. P. W. 58
Rostron, H. 6032
Rotari, V. 6689
Roth, A. 6326
Roth, D. 4417
Roth, G. W. 8942
Roth, J. M. 1340
Roth, K. 5337
Roth, O. 2534, 4974
Roth, U. 4549
Roth-Bejerano, N. 144
Rothrock, C. S. 3888
Rothschild, A. 4966, 6382
Rothstein, S. 8055
Roton, C. de 4328
Rötter, R. 3736, 4437
Rouet-Mayer, M. A. 6002
Rouge, P. 3270
Roughan, P. G. 1107
Rouleau, M. 8547
Roumet, C. 6118
Roumet, P. 8275
Rounsevell, M. D. A. 9562
Roussaux, J. 3320
Rousselle, P. 5251
Roussy, I. 5815
Rout, D. 921
Rout, G. R. 1736, 2355, 6706, 7383
Rout, K. K. 8634
Rout, M. K. 1341, 8594
Routley, G. 2605, 4278
Routray, T. K. 8388
Roux, D. J. le 829
Roux, S. J. 6641
Rovatti, G. 7802
Rowarth, J. S. 9281
Rowell, D. L. 3049
Rowland, R. 5363-5364
Roy, A. 5129, 7381, 8525
Roy, B. 1694
Roy, D. 8168
Roy, D. K. 3243, 7381, 7460-7461, 9421
Roy, J. 6118
Roy, K. 1898, 1905, 2061, 8444
Roy, M. 298, 8166
Roy, R. K. 8108
Roy, S. 8525
Roy, S. K. 2455, 6411, 7548, 7555, 9299
Royal, S. S. 7468
Roychowdhury, S. 3336, 9336
Royo, C. 5379, 5384, 6294-6295, 7173
Rozbicki, J. 1546
Rozeff, N. 2032
Rozema, J. 3525, 4073, 4843, 5247
Ruan, X. G. 4262
Ruan XiGen 4262
Ruban, I. N. 617
Ruberson, J. R. 3983
Rubino, P. 4154
Rubinskaya, E. 3051
Rubio, E. 7028
Rubio, F. 2781
Ruckenbauer, P. 6595, 9498
Rücknagel, K. P. 7487
Ruddat, M. 1413
Rudič, E. 6748
Rüdiger, W. 7993, 8011, 8863
Rudko, T. 4300
Rudorff, B. F. T. 5363-5364
Rudorff, B. T. 4859
Rudova, E. V. 150
Ruel, K. 5475, 8064, 9142
Ruelle, P. 6521, 7370
Rufty, T. W. 3121
Ruget, F. 2952
Ruggiero, C. 5137, 6806, 8404, 8414
Ruhland, M. 4396
Ruholl, C. 5951
Ruijter, F. J. de 542, 2535
Ruijter, N. C. A. de 9215
Ruiter, J. M. de 8737
Ruiz, H. A. 8280-8281
Ruiz, J. 4925
Ruiz, M. de los A. 6525
Ruiz, M. L. 2436
Ruiz, R. A. 163
Ruiz, R. G. 4887, 4892, 5794
Rule, L. C. 3535
Rungchaung, J. 3737
Runion, G. B. 5906, 7839
Rupainienė, O. 6251, 6337
Rusakov, A. A. 1865
Rusan, M. 7896
Ruser, R. 2203
Russ, B. 2593
Russell, C. A. 462, 464
Russell, G. 9230
Russell, J. S. 4362
Russell, S. D. 6937
Russell, W. 3788
Russelle, M. P. 5957, 8879
Russian Journal of Plant Physiology 9571
Russin, J. S. 6579
Russo, A. S. 8368
Russo, S. 6423, 6449
Russo, V. M. 7516
Russotti, R. 8686
Russouw, P. S. 7495
Rustérucci, C. 2021
Rusu, C. 4375
Rusu, M. 724, 8904, 9494, 9576
Ruszkowska, M. 6098, 7002
Ruud, L. 21
Ruzgas, V. 8768
Ruzsányi, L. 3276
Ryabchuk, Yu. A. 1578
Ryakhovskiĭ, A. V. 2764
Ryan, J. 2841, 3568, 5288, 5359
Ryan, J. E. 1131
Ryan, P. R. 6237
Rybik, O. F. 9493
Rybus-Zając, M. 1861
Rychter, A. M. 1130, 9222
Rydberg, I. 3193
Ryel, R. J. 1294
Ryšavý, M. 1551
Ryser, U. 9142
Ryu, I. S. 3827
Ryu, J. H. 1937
Ryu, K. Y. 3988
Ryu, S. B. 1273, 3122
Ryu, S. Y. 7629
Ryu, Y. H. 5669, 6570-6573, 8215
Ryu, Y. W. 9098
Ryu InSoo 3827
Ryu JeomHo 1937
Ryu KyungYul 3988
Ryu SeungYeal 7629
Ryu YongHwan 5669, 6570-6573, 8215
Rzeszutek, I. 8849
R'Zina, Q. 1204
Rzozi, S. B. 486
Sá, L. D. A. 7296
Sá, M. E. de 4844, 5749
Saab, I. N. 2940
Saad, A. M. M. 5742, 6028-6029
Saad, S. M. 3605
Saadan, H. M. 3059
Saakov, V. S. 2078
Saalbach, G. 1117
Saarikko, R. A. 2365, 5239
Saayman, A. E. J. 5453
Saba Mumtaz 935
Sabale, R. N. 5783, 5942
Sabater, B. 3711
Sabatini, F. 4857
Sabino, J. C. 5303, 7666
Sabir, M. S. 5268
Sabluk, V. T. 4908
Saborit Verdecia, G. F. 9343
Sabovljević, R. 2792
Sabry, S. R. S. 2773
Saccardy, K. 224, 950
Sacchi, G. A. 5459, 8240
Sacco, M. 6896
Sachan, R. B. 1849
Sachan, S. S. 7219, 7533
Sachdev, M. S. 7925, 8735, 9015, 9082
Sachdev, P. 7925, 8735, 9082
Sachs, E. 5969
Sachs, M. M. 2940
Sachs, T. 2409
Sack, F. D. 9535
Sacks, M. M. 7295
Sadanandan, N. 3836
Sadani, L. K. 5328
Sadaria, S. G. 319, 1089
Sadchenko, V. G. 2595
Saddler, G. 7642
Sadek, I. M. M. 4488
Sader, R. 8028
Sadhu, D. P. 8722
Sadik, M. K. 8254
Sadimantara, G. R. 1004
Sadimantara, I. G. R. 2313
Sadiq, M. 1907, 1927, 9315
Sadler, E. J. 3482, 6844
Sadovskaya, V. L. 8667
Sadowska, J. 4314
Sadowski, C. 9266
Sadras, V. O. 754, 1955, 1957, 5894, 8486, 8489
Saeed, A. O. M. 4561
Saeed, H. 3606, 6343
Saeed, M. 5333, 6899
Saeed, N. 3606
Sæther, A. H. 7298
Saez, F. 9067
Safaie, H. 5346
Saffigna, P. 3740
Safina, N. I. 8723
Safir, G. R. 959
Safonova, T. N. 1865
Sagami, H. 3135
Sagardoy, M. 9162
Sági, F. 333
Sagi, M. 2876, 7206
Saglio, P. H. 954
Sagwal, O. P. 3337
Sah, B. P. 6639
Saha, A. 801, 6970, 7881, 9047
Saha, J. K. 3931
Saha, K. C. 6436
Saha, P. K. 5129
Saha, R. R. 3254, 7552, 7555
Saha, S. 2460, 6970
Saha, S. N. 1506
Saha, U. K. 3254
Sahab Lal 4935
Sahadeva Singh 8374
Sahane, D. V. 472
Sahanes, D. V. 471
Sahbaz Ahmad 1512
Sahi, S. V. 6939
Sahila Ghosh 1826
Şahin, Ü. 3481
Sahoo, D. 8125
Sahoo, H. K. 9246
Sahoo, K. M. 6420
Sahrawat, K. L. 6517, 7326, 8985
Sahu, A. 5851
Sahu, G. S. 1934
Sahu, J. P. 6675, 7543
Sahu, P. 5560, 8169
Sahu, R. K. 4422, 5861
Sahu, S. M. 5560, 7356, 8169
Sahu, T. R. 3964
Sahu, U. C. 5839
Saibal Mahapatra 7531
Săicu, C. 7852
Said Rahman 656
Said Wahab 6899
Saifuzzaman, M. 2131, 3596, 3646
Saigusa, M. 2974, 2990, 5519
Saikia, L. 4654, 4657
Saikia, T. P. 7581
Sailaja, K. 8099
Sailaja, M. V. 3501, 6991
Sailaja, Y. 1003
Saile-Mark, M. 4856
Saindon, G. 1811
Saini, B. C. 6159
Saini, H. S. 841, 6263, 8674
Saini, J. P. 389, 1040, 2507, 4749, 9083
Saini, N. S. 4350
Saini, S. K. 698, 2050
Saini, S. L. 1314, 3943
Sainis, J. K. 2158
Sainju, U. M. 157, 7801, 9487
St. John, J. A. 1410
St. Martin, S. K. 5625
Sairam, R. K. 7974, 8796
Saito, H. 3285
Saito, K. 2608, 7513, 8521
Saito, M. 1706, 2961-2962, 2972, 3031, 9165
Saito, S. 6464
Saito, T. 6010
Saitoh, C. 3847
Saitoh, M. 563
Saitoh, T. 3586
Saitou, K. 4108, 6469, 6481
Saiz, J. F. 8495
Sajwan, K. S. 4016
Sakagami, Y. 1313
Sakai, A. 7655
Sakai, F. 5715, 7676, 8333
Sakai, M. 6450
Sakai, S. 3103-3104
Sakai, T. 2996
Sakai, Y. 2294-2296, 3886
Sakakibara, Y. 5536
Sakal, R. 5290, 6099, 9449
Sakalo, V. D. 4177, 4383
Sakamoto, J. 8239
Sakano, K. 5403
Sakata, T. 49
Sakihara, K. 3013
Sáková, L. 2006
Saksena, A. 7373
Sakuma, T. 49
Sakuno, T. 7489, 7676
Sakunthala, V. A. 2657
Sakurada, H. 2967
Sakurai, A. 1709, 3847, 3855, 8666, 9035
Sakurai, N. 2309, 5406, 5408
Saladino, L. 4265, 6672
Salah, H. B. H. 8081
Salah-Ud-Din, S. 3608
Salamatova, T. S. 942
Salamini, F. 4061
Salas, G. 9112
Salas, G. M. 9109
Salas, M. 5172
Salas, M. L. 2847, 3757
Salatino, M. L. F. 3332
Salaün, J. P. 2779, 4074
Salaun, J. P. 9225
Salazar, E. 1974
Salazar, G. M. 3571
Salazar, G. R. 3571

Salcedo, G. 1570
Saleh, N. 9099
Saleh, S. A. 8323
Salera, E. 2616, 4280-4281
Salerno, G. L. 6478
Sales, M. P. 4871
Salgado, J. M. 5778
Salgado, J. P. 5107
Salgado, J. S. 3818, 3835
Salgarollo, V. 991
Salhi, M. 486
Salih, A. A. 8182
Salim, M. 1987, 3832, 9388
Salimath, P. M. 5786
Salin, M. L. 1698
Salinas, A. R. 4011
Salinger, M. J. 776
Salisbury, J. L. 5340
Salles de Hys, L. de 4328
Salmon, D. F. 130-132
Salomon, M. 7993
Salomonsson, A. C. 4486
Salomonsson, L. 4486
Salontai, A. 8717
Salton, J. C. 2056
Saluja, S. 9277
Salus, S. S. 5904
Saluzzo, J. A. 4203
Salvadore, G. 6200, 6220
Salvatori, R. 7027
Salvo, M. 6745
Salvo G., H. 101
Salyaev, R. K. 5324
Salzman, R. 2640
Sam, O. 565, 4196
Samadder, G. 9421
Samantaray, S. 1736, 2355, 6706, 7383
Samarjeet Singh 4493
Samarthia, T. T. 9381
Sambo, P. 2492
Samejima, M. 3840, 9013
Sami, R. 1096
Samiullah 1510, 4882, 5973, 7803
Samiullah Moinuddin 6296
Sammons, D. J. 34
Sammour, R. H. 4261
Samobor-Galović, V. 2761
Samoĭlov, V. M. 6783
Samonte, H. P. 6491, 7351
Samoshkin, A. A. 190
Šamota, D. 9316
Samra, A. 5728
Samson, B. K. 8078
Samson, M. I. 240, 252, 980
Samson, N. 871
Samuel, M. S. 3635
Samuels, A. L. 690, 5150
Samuels, T. D. 4504
Samui, R. C. 1091, 1764, 4795, 4798, 6634, 8308-8309, 9174, 9180
San Segundo, B. 8930
Sanathkumar, M. 2310
Sanbuichi, T. 4159
Sanchez, M. 5619
Sánchez, R. A. 3905, 7848
Sánchez, T. 1813
Sánchez-Calle, I. 1173
Sánchez Choy-Sánchez, J. 2284
Sánchez de Jiménez, E. 947
Sanchez-Diaz, M. 228
Sánchez Jiménez, E. 4616
Sánchez-Monge, R. 1570
Sánchez-Raya, A. J. 1990, 7709
Sánchez-Velásquez, L. R. 1738
Šanda, J. 1880
Sandal, S. K. 7217
Sandalio, L. M. 1106
Sandars, D. L. 6132
Sandberg, G. 6006
Sandeep Kumar 8562
Sandeep Singh 3318
Sandelius, A. S. 1119
Sander, A. 685
Sandermann, H. 7860
Sandermann, H., Jr. 2780
Sanders, D. 836, 3200, 3921, 6316, 6995, 7052
Sanders, D. E. 7337
Sandha, G. S. 1766, 9403-9404
Sandhu, B. S. 1482, 9356
Sandhu, J. S. 1828, 1844
Sandhu, K. S. 10, 8206
Sandhu, S. S. 1828
Sandhu, T. S. 1828
Sandini, I. 6302, 7999
Sandlan, K. P. 4969
Săndoiu, D. 7214
Sandonà, D. 9502
Sandoval-Cardoso, L. 2439
Sandretto, C. 2069
Sandri, A. 1325
Sandri, G. 1325
Sandri, R. 4469, 7386
Sands, G. R. 4584
Sane, A. P. 1032
Sane, P. V. 1032
Sane, V. A. 1032
Saneoka, H. 1033
Sanford, D. A. van 51, 7943
Sanford, P. 6125
Sang, Z. Q. 7288
Sang ZhenQing 7288
Sangakkara, U. R. 1818-1819, 3205, 3268
Sangar, R. B. S. 4812, 9318
Sangeeta Khetarpal 453, 1175
Sangeeta Shrivastava 4764-4765
Sanger, R. B. S. 1920
Sangha, A. S. 1766
Sanghamitra Samantaray 7383
Sanginga, N. 5425, 6735
Sangita Basu 9461
Sangwan, N. 1499
Sangwan, N. K. 2869
Sangwan, P. S. 7740
Sangwan, R. S. 5815
Sangwan, V. P. 7908, 9429
Sangwan-Norreel, B. S. 5815, 8339
Sanha Panichajakul 1762
Sanico, A. L. 240, 254
Sanidad, W. B. 2440, 2443
Sanjay Saha 6970
Sanjeev Kumar 2821, 7913
Sankaran, S. 4801
Sankarapandian, R. 8191
Sankhyan, N. K. 7232
Sano, H. 1330
Sano, K. 2293
Sano, S. 9054
Sano, T. 2967
Sanoria, C. L. 5767
Sanson, D. R. 7025
Santa Olalla, F. M. de 5948
Sant'ana, E. P. 3022
Sant'Anna, R. 6528
Santas, R. 5241
Santel, H. J. 2109
Santes, C. M. 5716
Santhi, P. 6629
Santhi, R. 2449
Santi, S. 8842
Santiago-Córdova, M. 5008
Santilocchi, R. 8189
Santipracha, Q. 8958
Santipracha, W. 8958
Santis, A. de 1640
Santizo Ricón, J. A. 1418
Santos, A. S. D. 8110
Santos, F. F. dos 6803
Santos, G. A. 2981
Santos, H. 3763
Santos, H. P. dos 2670, 3498, 5261, 6229, 6302, 6964, 7999
Santos, J. A. C. 5449
Santos, J. P. dos 8959
Santos, M. 5480
Santos, M. A. 2947, 5488
Santos, M. M. 434
Santos, R. C. dos 9175
Santos, R. R. dos 5303, 5307
Santos, V. L. M. dos 8217, 8298-8300
Santos Molina, M. A. 3207
Santos-Vigil, C. 9227
Sanwo, M. M. 8814
Sanzharova, N. I. 3689
Sapozhnikova, V. A. 2693
Sapunova, S. M. 853
Sarada, P. 2956
Saradhi, P. P. 1318, 2321
Saraf, C. S. 3212
Saragih, S. 4663
Saraiva, C. 2618
Saralabai, V. C. 5579, 6124, 7601
Saran, G. 2
Sarandón, S. J. 50
Sarandon, S. J. 5319
Saranga, Y. 1986
Sarangi, P. K. 2597
Sarar, R. K. 4867
Saraswthi, N. 5615
Sarath, G. 4047, 8258
Saravjit Singh 1844
Sarawgi, A. K. 8133
Sârbu, M. 4914
Sarda, X. 8673
Saren, B. K. 3243, 7381, 7460-7461
Sargent, H. R. 3043
Sarhan, F. 7167
Sarı, N. 4642
Šariková, D. 1781
Sarita Jha 8906
Sarjit Singh 2659, 4350
Sarkar, A. K. 3089, 4376
Sarkar, C. 341, 2379
Sarkar, D. 1932, 5830, 8460
Sarkar, K. K. 8722
Sarkar, K. P. 631
Sarkar, R. K. 1015, 1426, 2059, 4666, 6968, 8124, 8525, 9482
Sarkar, S. 674, 2157
Sarkar, S. K. 9399
Sarkunan, V. 266
Sarlach, R. S. 1844
Sarli, G. O. 50
Sarma, A. C. 974
Sarma, C. B. 5990, 6038
Sarma, D. 238, 755, 2064, 6728, 6971, 8619
Sarma, D. A. 5996-5997
Sarma, N. N. 164, 755, 2064, 6728
Sarma, P. S. 6714, 7474, 8223, 9073, 9146
Sarma, S. 8107
Sarmadnia, G. H. 5353, 5429
Sarmah, M. K. 251, 8677
Sarmiento, M. 8949
Sarno, R. 5086
Saroch, K. 3913
Sarode, S. V. 8391
Saroop, S. 3418
Sarquís, J. I. 572
Sartaj Khan 97
Sartorato, I. 346
Sartori, L. 3480, 4469, 7386, 7802
Saruta, M. 800
Sarvesh, A. 7733
Sarvjeet Kaur 1851
Sarwar, C. D. M. 6736
Sarwar, G. 248, 8101
Sasahara, T. 998, 1004, 8271
Sasaki, A. 7929
Sasaki, C. 2971
Sasaki, H. 3840, 3923
Sasaki, J. 1670, 1717
Sasaki, M. 7268
Sasaki, R. 2963, 3017, 9026, 9046
Sasaki, T. 6463
Sasaki, Y. 4064
Sasatani, K. 7760
Sashi Banga 9403
Sashi Singh 8774
Sashidhar, V. R. 3642
Sasidhar, V. K. 1944
Sasikala, K. 4870
Sasse, J. M. 8663
Sassenrath-Cole, G. 7665
Sassenrath-Cole, G. F. 3356, 6841, 6843, 6847
Sastri, C. V. S. 8207
Sastry, P. S. N. 4325
Satao, R. N. 42, 1729-1730, 4239
Satapathy, M. R. 921
Šatarić, I. 920
Sathishkumar, R. 3865
Sathiyamoorthy, P. 469, 3517, 4179
Sathyanarayanarao 595
Satiat-Jeunemaitre, B. 2089
Satisha, G. C. 6942
Sato, A. 2758
Sato, K. 3433, 8152
Sato, M. 3010
Sato, S. 2421, 2967, 5740, 7199
Sato, T. 364, 1669, 1673, 3330, 3853, 5519, 5539, 7361
Sato, Y. 587, 744, 2369, 2392, 3585
Satoh, J. 4512
Satoh, K. 3180, 8145
Satoh, M. 7862
Satoh, T. 5659, 7066
Šatović, Z. 3952
Satpathy, C. 8124
Sattar, M. A. 4151
Sattelmacher, B. 8641, 9217
Sattin, M. 3966
Satya Pal 1469
Satyanarayana, A. 3238, 7546, 7556
Satyanarayana, B. 6519
Satyanarayana, T. 5689, 9149
Satyanarayana, V. 643, 657, 922, 4793, 6865, 6969, 7421, 8307
Saudan Singh 7376
Sauerborn, J. 1632, 4838, 7504
Saun, W. A. van 1623
Sauter, J. J. 2533
Savage, L. J. 2411
Savage, M. J. 623
Savaldi, S. 5144
Savani, M. B. 3166, 8076
Savani, V. N. 8306
Savant, N. K. 4680, 4705, 5521, 9016
Savchenko, G. E. 7969
Savchenko, N. P. 54
Savenkova, N. N. 2827
Saviani, E. E. 9319
Savičienė, E. 5341
Savidov, N. A. 2876, 7206
Savikurki, R. 7686
Savill, J. 1569
Savin, V. N. 117
Savini, C. 7498
Savita Khattra 4413
Savita Tomer 8562
Savitch, L. V. 1529, 3669
Savithramma, N. 4796, 9176
Savithri, K. E. 435
Sawada, S. 3991
Sawan, O. M. 7508
Sawant, D. S. 5530
Sawarkar, N. J. 2014, 3947, 6722
Sawarkar, S. D. 4481
Sawhney, S. 9277
Sawhney, S. K. 7131, 9425
Sawhney, V. 7131, 9425
Sawhney, V. K. 7727
Sawicka, B. 6766
Sawicki, J. 3960, 9220
Sawkins, D. 5274
Sawyer, S. A. 8283
Saxena, A. 1405, 2351, 6536
Saxena, A. K. 6710
Saxena, H. K. 1147, 3417, 8819
Saxena, K. B. 7551
Saxena, K. G. 1374
Saxena, K. K. 1147
Saxena, M. C. 458-459, 1854, 2127, 5782, 7504
Saxena, M. M. S. 2658, 3453, 6051
Saxena, N. P. 2127, 7573
Saxena, O. P. 8376
Saxena, V. K. 1622, 8915
Saxton, A. M. 1157
Saxton, K. E. 8720
Sayed, O. H. 1502
Saygın, Ö. 7366
Şaylan, L. 3128
Sayre, K. D. 8739-8740

Sazanov, L. A. 1790
Scagliarini, S. 6750
Scainelli, D. 6774, 7758
Scandaliaris, J. 2037, 7774, 7779, 7785, 8609, 9459, 9466
Scandalios, J. G. 4459
Scanlon, M. G. 4198
Scanlon, T. M. 3685
Scapim, C. A. 7258
Scaramagli, S. 2028, 3440
Scarpaccini, F. M. 4930
Scarponi, L. 2376
Schaaf, H. 2787
Schaefer, S. C. 394
Schaefers, G. A. 4872
Schäfer, S. 8661
Schäfer, V. 1742
Schäfer-Menuhr, A. 4981
Schaffner, K. 7158
Schans, J. 4447
Schapaugh, W. T., Jr. 6556
Scharf, P. C. 14
Schäufele, W. R. 3273
Schaumann, A. 1963
Schaumann-Gaudinet, A. 5910
Scheer-Triebel, M. 9364
Schel, J. H. N. 9215
Schell, J. 8654
Schellenberg, M. 2223, 3709
Scheller, H. V. 1563, 9506
Schenone, G. 2822, 3224
Schepers, J. S. 179, 1658, 1661, 6347, 8097
Schepl, U. 4103
Scherer, G. F. E. 1397, 1407, 9195
Scherer, H. W. 6659
Scherer, M. 9554
Scherrer, C. 2910, 7795
Scherrer, D. 1473
Schiavinato, M. A. 1872, 3266
Schiavon, A. 3798
Schiebl, C. 3781, 5471
Schieder, O. 5745
Schiffner, F. 3273
Schilling, G. 8840
Schilstra, M. 2381
Schindler, T. 5475
Schjoerring, J. K. 880, 892, 2002, 2005, 3564, 4308, 7111, 7730
Schjønning, P. 3475
Schlagnhaufer, C. D. 7859
Schlattner, U. 6003
Schlegel, A. J. 325, 7804
Schliephake, W. 863
Schloter, M. 2469
Schmalstig, J. G. 8615
Schmenk, R. 1631
Schmerler, J. 4472
Schmid, A. M. M. 2084
Schmid, G. H. 3432, 8328, 8581
Schmid, J. 3770
Schmid, R. 7153
Schmid, W. 3111
Schmidhalter, U. 8652, 8825-8826
Schmidke, I. 637
Schmidt, E. J. 7771
Schmidt, H. 5310, 7168
Schmidt, H. L. 1319
Schmidt, J. 3713, 3721, 8654
Schmidt, J. W. 35-36
Schmidt, R. 8402
Schmidt, R. J. 6379
Schmidt, R. R. 2109
Schmidt, W. 2620
Schmiedeknecht, G. 1224
Schmitt, M. A. 916
Schmuck, G. 2701
Schmülling, T. 8661
Schnabl, H. 4549, 9393
Schneekloth, J. P. 2942
Schneider, A. D. 170
Schneider, H. 3924
Schneider, K. 4099
Schneider, M. 5091, 5157, 6016
Schneider, T. 4099
Schneiter, A. A. 7016
Schnell, D. J. 7822
Schnier, H. F. 3310, 8632
Schnitzler, W. H. 1051, 9107
Schnug, E. 1389, 1657, 2101, 4483
Schobert, C. 5917, 8510
Schoenau, J. J. 1310, 2678, 4311
Schöggl, G. 8804
Scholes, J. D. 102, 7367
Scholz, G. 637
Schon, M. K. 9125
Schönbeck, F. 4266, 4442
Schoneman, R. A. 598, 3368
Schönherr, K. 1336, 9435
Schöning, U. 5201
Schönknecht, G. 7189
Schoop, P. 1741
Schoot, C. van der 2536
Schopfer, P. 4620-4621, 4624, 5475, 6392
Schöpke, C. 5849
Schorderet, M. 9142
Schori, A. 2399
Schortemeyer, M. 3764
Schraudner, M. 7860
Schreffler, A. K. 8194
Schreiber, C. 7384
Schreiber, J. D. 3888
Schreiner, R. P. 6621, 6663, 7455
Schrock, M. D. 177, 8898
Schrod, J. 3316
Schröder, J. 6352
Schröder, R. 1228
Schröder, U. 3639
Schroeder, J. A. 4999
Schroeder, J. I. 2781, 4068, 6666
Schroeder, M. 2955
Schubert, S. 1098, 4103
Schubiger, F. X. 551
Schuch, R. 5136
Schüepp, H. 4637-4638
Schuler-Muller, I. 3769
Schultheis, J. R. 583
Schulthess, U. 8803
Schulz, A. 1226
Schulz, B. 6553
Schulz, M. 859, 4549
Schulz, R. 1098
Schulz-Lessdorf, B. 3199
Schulze, D. H. 2591
Schulze, E. D. 1289
Schumaker, K. S. 5904
Schuman, G. E. 772
Schünmann, P. H. D. 886
Schurr, U. 1289
Schüttert, R. 3476
Schuurink, R. 9089
Schuurink, R. C. 890, 4570-4571
Schuurmans, J. A. M. J. 393, 8329
Schwab, H. 4398
Schwartz, M. 7278
Schwarz, H. 7402
Schwarz, P. 8866
Schwarz, P. B. 8857
Schwarzbach, E. 2489
Schweitzer, L. E. 1757
Schweizer, P. 6490
Schwieger, W. 9196
Scian, B. 5349
Sciortino, A. 4379
Scobbie, L. 3788
Scoble, J. 7279
Scocchi, A. 5551
Scofield, A. M. 4520
Scopel, A. L. 7848
Scotford, I. M. 8764
Scott, A. W., Jr. 4268
Scott, B. J. 8763
Scott, G. K. 1938
Scott, I. M. 4258, 6652, 7863, 8336, 9322
Scott, J. E. 6461
Scott, N. W. 3288
Scott, R. K. 1299, 5278, 6161
Scott, T. 461
Scott, T. K. 9574
Scrimgeour, C. M. 4576
Scurtu, D. 7852, 8627
Scurtu, I. 1797
Scwengber, J. E. 4653
Seah, S. 72
Searcy, S. W. 6982
Seaton, G. G. R. 7870
Sebastiani, L. 8532
Šebečić, B. 2761, 7433
Sebillotte, M. 5711, 7038
Secor, G. A. 4955
Sedee, N. J. A. 885
Sedego, C. 5601
Sediyama, C. S. 1753-1754, 3154, 8218
Sediyama, T. 1753, 1753-1754, 3154, 3977, 8217-8218, 8298-8300
Seed Science Research 7883
Seeda, M. A. 3682
Seel, W. E. 201
Seema Bedi 7327, 8442
Seema Nandi 4880
Seemann, J. R. 1419, 9518
Seenaiah, P. 3238
Seeney, F. 8438
Seeruttun, S. 8599
Seetharaman, K. 3902
Segarra, E. 5017, 6095
Segovia, V. 2903
Séguy, L. 1748, 2067
Sehgal, J. 3520, 8104
Sehgal, S. 1852
Seif El-Nasr, F. M. 1948, 5730
Seiler, R. A. 5702
Seito, H. 2973
Seitz, H. U. 3188
Sekhar, J. C. 3979
Seki, K. 6545-6546
Seki, M. 966, 1697
Sekigami, N. 1017
Sekimoto, H. 294
Seko, Y. 3864
Selby, C. 3325
Self, G. K. 7148
Seliga, H. 5803
Seligman, N. G. 2102
Seligmann, H. 4741
Selim, M. M. 8370
Selinger, L. J. 84
Selivankina, S. Yu. 887-888, 1182
Sell, T. W. 3324
Selldén, G. 148
Selles, F. 1453, 6164
Selmar, D. 1034
Seluchi, M. 4012
Selvaraj, J. A. 4785
Semb, K. 1571-1572
Semenenko, N. N. 2192, 2835, 8845
Semenov, M. A. 86, 9560
Semerdjieva, S. 6638
Semikhodsky, A. 5474
Sen, A. 1514, 6943
Sen, H. 1939, 1947, 2561, 4993-4994, 5009-5011, 7656, 8469
Sen, S. P. 6503
Sen-Mandi, S. 9059
Senanayake, L. 1835
Senanayake, N. 970, 1680
Senapati, S. C. 1841
Senboku, T. 7655
Sencar, Ö. 2957
Senchilo, I. N. 3295
Sendor, R. 3473
Sendra, J. 972
Sene, C. 8669
Séne, M. 1035
Sengar, R. S. 2416, 8650
SenGupta, D. N. 2310
Sengupta, R. K. 3717
Sengupta, S. 856
Sengupta, U. K. 1770, 3236
Sengupta-Gopalan, C. 4775
Sen'ko, P. I. 482
Senn, T. 1742
Seno, Y. 4172
Senviratne, G. 4683
Senyuk, V. 6689
Seo, J. H. 2229, 4810, 5506, 7248, 8851
Seo, S. 1330
Seo JaeHwan 8851
Seo JongHo 2229, 4810, 7248
Seo JunHan 5506
Seoane, R. 3681
Seok, K. H. 4574
Seok, S. J. 3828
Seok KyungHyun 4574
Seok SoonJong 3828
Seong, K. Y. 5509
Seong, Y. K. 6570-6572
Seong KiYeong 5509
Seong YealKu 6570-6572
Sepahi, N. 2358
Sepaskhah, A. R. 597, 4115
Sepetoğlu, H. 2746
Sequeira, R. A. 596, 625, 1960, 5047
Serdobinskii, L. A. 5468
Sereda, N. A. 7085
Serek, M. 8337
Sereme, P. 5601
Serena, C. 6203
Sereno, M. J. C. de M. 6285
Sereno, R. 7834
Serghini, K. 1288
Serini, C. 6203
Sermanni, G. G. 2822
Serraj, R. 353, 8278
Serrana, H. L. G. de la 4352
Serrano, C. F. 2443
Serrano, R. 2919
Serrano, S. R. 2281
Serre, A. M. 7255
Serre, I. 2855
Sertić, Đ. 2761
Servaites, J. C. 6110
Sesay, A. 365
Sesharee, A. 4886
Seskar, M. 6490
Sessa, G. 5144
Seta, G. 2001
Setälä, H. 2677
Sethi, G. S. 5388
Sethi, H. N. 7742
Sethi, S. C. 6031
Setia, N. 3419
Setia, R. C. 3419
Setter, T. L. 1014, 3839, 4660
Seung, Y. K. 8234
Seung YealKyu 8234
Sevilla, F. 6649
Sexton, B. T. 6351
Sexton, J. J. 5809
Sexton, P. J. 8364
Seyer, A. 2779
Seymour, R. M. 5899
Seynnaeve, M. 4815
Sezen, M. 7988
Sfredo, G. J. 6563, 8228
Sgarbi, E. 2823
Sgherri, C. M. L. 837
Sgorbati, S. 4833, 7488
Sha, S. 8152
Shabala, S. 4625
Shabala, S. N. 3762, 8921
Shabana, M. K. 3605
Shabayev, V. P. 6614
Shachar-Hill, Y. 5478
Shackelford, D. D. 7418
Shad Khan 656
Shaddad, M. A. K. 5673, 8286
Shafer, W. 5878
Shaff, J. E. 1108
Shafii, B. 2557
Shafqat, J. 5713
Shafqat Malik 6342
Shafran, S. A. 2762
Shafronov, O. D. 6183
Shah, G. 1152
Shah, K. 8171
Shah, M. 501
Shah, N. H. 6261
Shah, P. 5, 6343
Shah, P. M. 522
Shah, S. H. 6261
Shah, T. 8097
Shah, W. H. 5568
Shahbaz Ahmad 7695, 8535
Shahi, V. K. 9198
Shahid Afghan 2042

Shahid Riaz 97
Shahid Umar 8148, 8566, 9513
Shahidullah, M. 6910
Shahien, A. H. 1780
Shahin, M. M. 5433
Shaikh, A. A. 320, 4077-4078, 5569
Shaka, J. M. 2283
Shakhidoyatov, Kh. 4257
Shakirova, F. M. 75
Shaktawat, M. S. 6022
Shaku, I. 8989
Shakuntala, N. M. 5984
Shakya, S. K. 3574
Shalaby, E. E. 4254
Shalke, D. K. 5975
Shalygo, N. V. 3707, 6318
Shambulingappa, K. G. 7540
Shams, S. A. A. 1749, 1948, 5866
Shams El-Din, G. M. 1461, 1605, 1614
Shamsi, S. R. A. 8776
Shan, C. G. 2739
Shan, L. 226
Shan, X. Q. 3629
Shan, Y. S. 2739
Shan ChengGang 2739
Shan Lun 226
Shan XiaoQuan 3629
Shan YuShan 2739
Shand, C. R. 4348
Shang, S. T. 1024
Shang, Z. Q. 5331, 8067
Shang ShuTian 1024
Shang ZhenQing 5331, 8067
Shankar, V. 1831
Shanker, K. 6471
Shankle, M. W. 4253
Shanmugam, M. 2236
Shanmugasundaram, P. 988, 4879
Shanmugasundaram, S. 3517
Shanmugavel, S. 4791
Shannon, D. A. 3932
Shanower, T. G. 7561
Shantaram, M. V. 3749, 6102, 8117
Shantha Nagarajan 4106, 8816, 8820
Shao, G. H. 6607
Shao, H. C. 6338
Shao, J. 3806
Shao, M. G. 2795
Shao, X. G. 7098
Shao GuiHua 6607
Shao HanChi 6338
Shao MinGan 2795
Shapira, R. 7831
Shaposhnikova, I. M. 2359
Sharad Bhatnagar 9076
Sharanappa 3953, 4681
Sharkey, D. E. 3435
Sharma, A. 1770, 1852, 3236, 5924, 8515
Sharma, A. K. 2351, 3987, 7020, 8129
Sharma, A. M. 2014
Sharma, B. B. 6675, 7543
Sharma, B. D. 2157, 9311-9312, 9314
Sharma, B. L. 8200
Sharma, C. M. 975, 4598, 7232
Sharma, C. P. 1281, 2151, 7475
Sharma, C. R. 8756
Sharma, D. 5759, 8398
Sharma, D. C. 2151, 2785
Sharma, D. D. 8558
Sharma, D. K. 675, 8729
Sharma, D. P. 8827
Sharma, D. R. 8731, 9384
Sharma, G. C. 8212
Sharma, G. L. 4682
Sharma, H. C. 5124, 7789, 7908, 8729, 9419, 9426
Sharma, H. K. 6660
Sharma, H. M. 6965, 7510
Sharma, H. P. 6676
Sharma, H. R. 1992
Sharma, H. S. 7914, 8559-8560
Sharma, J. 8756
Sharma, J. J. 2669
Sharma, J. P. 7525
Sharma, J. R. 7008
Sharma, K. 1752
Sharma, K. C. 1685
Sharma, K. D. 2336
Sharma, K. K. 1362, 5567
Sharma, K. L. 6522
Sharma, K. N. 3620
Sharma, K. P. 9312, 9457
Sharma, M. 5937
Sharma, M. K. 8731, 9384
Sharma, M. L. 5125
Sharma, N. 6660
Sharma, N. D. 440
Sharma, N. K. 3492, 8727
Sharma, N. N. 6971
Sharma, O. P. 7182
Sharma, P. K. 1153, 7708, 7921, 8200, 8829
Sharma, P. N. 7506
Sharma, P. P. 7478
Sharma, R. 7101, 7581, 7932
Sharma, R. A. 7437
Sharma, R. B. 7058
Sharma, R. C. 512, 1501, 2139, 3567, 4323, 8447, 8459
Sharma, R. K. 1145, 1317, 1347, 1474, 1843, 2041, 2424, 3108, 4881, 5096, 9450
Sharma, R. N. 6507
Sharma, R. P. 4935, 6077
Sharma, R. P. R. 6965, 7510
Sharma, R. S. 1063, 1278, 1750, 2289, 2424, 3110, 3171, 3964, 7905
Sharma, S. 4861, 6704, 7037, 8044, 8487
Sharma, S. A. 6512
Sharma, S. K. 807, 965, 1375, 2182, 2184, 2336, 3471, 4358, 4888, 5162, 6906, 8212, 8245, 9419
Sharma, S. M. 6507
Sharma, S. N. 30, 817, 989, 5127, 9424
Sharma, T. R. 512, 6905
Sharma, T. V. R. S. 4868
Sharma, U. C. 3824
Sharma, V. 803, 4474, 4805, 8726
Sharma, V. K. 6240, 6258-6259
Sharma, W. C. 6031
Sharov, A. F. 4546
Sharova, E. I. 942
Sharova, N. V. 405
Sharp, R. E. 1647, 3796
Shashi Banga 9404
Shashi Paroda 8568
Shashidhara, S. D. 5615
Shashidharaswamy, H. N. 1926
Shashikala 6710
Shatarich, I. 920
Shatilov, I. S. 4546
Shaw, D. R. 3969, 4439, 4771, 6580
Shaw, G. 4072
Shaw, J. F. 7047
Shaw, P. J. 4059
Shaw JeiFu 7047
Shayakhmetov, I. F. 75
Shcherev, P. 15
She, Y. J. 2173
She YuJun 2173
Sheaffer, C. C. 916, 1549
Shearer, G. 8283
Shearer, S. A. 8889
Sheela Srivastava 5929
Sheelavantar, M. N. 267, 9382
Sheetz, R. H. 2580
Sheha, A. A. 1576
Shehata, S. A. M. 5741
Shekar, V. B. 3032, 3894, 4366, 9062
Shekari, F. 8015
Shekh, A. M. 448, 3166, 8076, 9247
Shekhargouda, M. 5936
Shekhawat, P. S. 4898
Shelar, V. R. 5595
Shelganov, I. I. 9290
Shelke, D. K. 5976, 6086
Shelke, V. B. 5123, 5914, 5931, 5976, 5978, 5980
Shelly Praveen 5348, 8403
Shelp, B. J. 7586
Shelton, C. W. 5269
Shelton, D. R. 35-36
Shemyakina, V. P. 1222
Shen, A. L. 8994
Shen, B. 6480, 6504
Shen, B. F. 5564
Shen, C. G. 4806, 8265
Shen, F. F. 4259
Shen, J. B. 2678
Shen, J. H. 62
Shen, K. 3406
Shen, L. M. 3507
Shen, L. Y. 1930
Shen, M. 7360
Shen, Q. X. 891
Shen, Q. Y. 804
Shen, S. H. 2512
Shen, S. L. 6562
Shen, T. C. 3702
Shen, W. B. 5326, 8790
Shen, Y. 4036
Shen, Y. G. 7942
Shen, Y. X. 6401
Shen ALin 8994
Shen BingFu 5564
Shen Bo 6480, 6504
Shen ChengGuo 4806, 8265
Shen FaFu 4259
Shen JiaHeng 62
Shen JianBo 2678
Shen Kang 3406
Shen LiMing 3507
Shen Mei 7360
Shen QiangYun 804
Shen QingXi 891
Shen SiLe 6562
Shen SongHai 2512
Shen TianChi 3702
Shen WenBiao 5326, 8790
Shen YinXuan 6401
Shen Yun 4036
Shen YunGang 7942
Sheng, C. 1309
Sheng, C. X. 404, 5677
Sheng, J. S. 9509
Sheng, Y. 383
Sheng, Y. G. 4499
Sheng, Y. W. 1422
Sheng ChuXing 404, 5677
Sheng JinSong 9509
Sheng YongWei 1422
Sheng Yun 383
Sheng YunGang 4499
Shenker, M. 2861
Sheokand, S. 2464
Shepelev, E. Ya. 1416
Shepelyakovskaya, A. O. 3780
Shephard, H. L. 313, 5587
Shepherd, M. A. 5194
Sheppard, J. A. 826
Sherchan, D. P. 6358, 6961
Shereen, A. 935
Sheremet, O. P. 509
Sherif, M. A. 1245
Sherif, S. 2773
Sherrier, D. J. 399, 408
Sherstoboev, N. K. 335
Sherstoboeva, E. V. 335
Sherwin, H. W. 2414
Shestakov, V. G. 2704
Shete, B. G. 314
Shetty, K. K. 7652
Shevchuk, V. I. 3971
Shevtsov, I. A. 3295
Shevyakova, N. I. 7762
Shewale, M. R. 6726, 8198, 8618, 8628, 8694
Shewale, T. T. 5921
Shewry, P. R. 1298, 2866, 4452, 5413, 6322, 7050
Shi, C. Y. 3821
Shi, D. C. 6437
Shi, G. D. 94
Shi, J. 3019
Shi, J. P. 225, 5331, 8067
Shi, L. 2969
Shi, P. 8472
Shi, R. 6506
Shi, S. Y. 2889, 6384
Shi, T. B. 8988
Shi, T. J. 8032
Shi, W. X. 3230
Shi, X. J. 19
Shi, X. P. 7971
Shi, Y. Z. 8564
Shi, Z. J. 4247
Shi, Z. T. 6799
Shi, Z. Y. 5852
Shi ChunYu 3821
Shi DanChao 6437
Shi GuoDong 94
Shi JiPing 225, 5331, 8067
Shi Juen 3019
Shi Lei 2969
Shi Pei 8472
Shi Rong 6506
Shi SuYun 2889, 6384
Shi TaoJun 8032
Shi TianBo 8988
Shi WeiXing 3230
Shi XiaoJun 19
Shi XiPing 7971
Shi ZhengTai 6799
Shi ZhenYi 5852
Shi ZuoJia 4247
Shibai, H. 9128
Shibanova, L. A. 5324
Shibaoka, H. 4876
Shibasaka, M. 2215, 2226
Shibata, D. 8264
Shibata, J. K. 1129, 1133
Shibata, M. 6545-6546
Shibata, Y. 7314
Shibayama, H. 2323, 6103, 6465-6466
Shibayama, M. 5231
Shibles, R. 8249
Shibles, R. M. 7429
Shibli, R. A. 4953
Shibuya, K. 2974, 5519
Shibuya, N. 290, 1009, 6321, 7345
Shieh, W. J. 734
Shieh WenJang 734
Shield, I. 461
Shield, I. F. 1183, 1857
Shiferaw, B. 1042, 1737
Shigaki, H. 3013
Shigeoka, S. 3414
Shih, C. C. C. 9520
Shih, C. Y. 1696
Shih ChiungYuen 1696
Shiina, T. 4512
Shil'nikov, I. A. 2768, 6990, 9290
Shim, I. S. 288, 7341
Shim IeSung 288, 7341
Shima, Y. 5846
Shimada, N. 3576
Shimada, S. 5668
Shimada, T. 1942
Shimamoto, Y. 3290
Shimamura, S. 8423
Shimazaki, K. 1122
Shimbo, S. 2314
Shimizu, E. 257
Shimizu, K. 5986
Shimizu, N. 8239
Shimizu, T. 3331
Shimizu, Y. 7489, 7676
Shimokawa, S. 4532
Shimolina, L. L. 6396
Shimoni, Y. 1509
Shimotsubo, K. 8178, 8445, 9051
Shimoyama, Y. 5659
Shimura, I. 6410
Shimura, K. 4831
Shin, B. W. 3833
Shin, D. C. 8235
Shin, D. H. 4767, 9005, 9011
Shin, H. R. 5511
Shin, J. C. 5513, 5543, 5559
Shin, J. S. 6442
Shin, K. Y. 4205, 7628, 7636
Shin, M. G. 128, 5393
Shin, R. 6707

Shin, S. O. 6418
Shin, W. K. 3873, 4558
Shin, Y. B. 5527
Shin, Y. S. 4952, 5527
Shin BogWoo 3833
Shin DongHyun 9005
Shin DooChull 8235
Shin HaeRyong 5511
Shin JinChul 5513, 5543, 5559
Shin KwanYong 4205, 7628, 7636
Shin ManGyun 128, 5393
Shin SangOug 6418
Shin WonKyo 3873
Shin WonKyu 4558
Shin YongSeub 4952
Shin YoungBeom 5527
Shin YoungSeop 5527
Shinano, T. 2085, 6468
Shinde, A. G. 4347
Shinde, A. K. 1755
Shinde, D. B. 6959, 7088
Shinde, J. S. 5920
Shinde, S. H. 5768, 8279
Shinde, S. N. 5526
Shinde, S. Y. 4830
Shinde, Y. M. 8511
Shindo, K. 6545
Shine, T. M. Jr. 699
Shingate, M. B. 5299
Shingles, R. 3184
Shinjo, T. 9467
Shinjyo, C. 3863
Shino, K. 6546
Shinsenji, A. 4172
Shintani, D. 7485
Shiomi, F. 8672
Shipe, E. R. 3130, 7417
Shipilova, S. V. 887-888
Shiraishi, T. 9197
Shirakura, S. 287
Shiratsuchi, H. 8672
Shirdeli, A. 5391
Shires, S. W. 1623
Shirkot, C. K. 6660
Shiroto, K. 2971
Shiroya, M. K. 8204
Shishova, M. F. 942
Shiv Kumar 5775
Shiv Prakash 1851, 8403
Shivakumar, B. G. 3212, 3468
Shivakumar, H. R. 7869
Shivanandaiah, M. P. 7540
Shivanna, M. B. 4027, 8267
Shivappashetty, K. 7331
Shivaraj, B. 1055, 4681
Shivaramu, H. S. 2820, 3520, 8104, 8393, 9074
Shivashankar, K. 1058, 3391, 4601
Shivay, Y. S. 5114-5115
Shivendra Bajaj 3008
Shivran, A. C. 4897
Shivran, P. L. 4897
Shkil', A. V. 7085
Shklyar, A. Ya. 4165
Shkyl, A. V. 7085
Shmat'ko, I. G. 64
Shmigel', V. N. 4929
Shmyreva, N. Ya. 6286
Shneïder, A. Yu. 46
Shobhana, H. K. 720
Shock, C. C. 2547
Shoemaker, R. 8292
Shoemaker, R. C. 8249
Shoji, K. 4094
Sholberg, P. L. 2111
Sholeh 6360
Shome, G. 714
Shon, G. M. 3873, 4558
Shon, T. K. 7378
Shon GilMan 3873, 4558
Shong, Z. Y. 4331
Shong ZhenYun 4331
Shongwe, G. 5489
Shongwe, P. 3887
Shorrosh, B. S. 2411
Shou, J. Y. 5502
Shou JianYao 5502
Shoyama, Y. 2596
Shrestha, P. 7924
Shrestha, R. K. 6511
Shrivastav, R. 6471
Shrivastava, A. K. 8611
Shrivastava, G. K. 4690
Shrivastava, S. 4764-4765
Shrivastava, S. K. 2063
Shrivastava, U. K. 1145, 8623
Shriwastava, S. N. 1369
Shtienberg, D. 3317
Shu, Q. Y. 9044
Shu, X. D. 242
Shu, Y. L. 3005
Shu XieDi 242
Shu YouLin 3005
Shuai, S. W. 8575
Shuai, X. F. 3505
Shuai ShiWen 8575
Shuai XiuFu 3505
Shudo, K. 1048
Shugaev, A. G. 4166
Shui, J. G. 5621, 6846
Shui, M. X. 7792
Shui JianGuo 5621, 6846
Shui MaoXing 7792
Shuji, Y. 217
Shukla, A. 5174, 7727
Shukla, A. K. 3933
Shukla, D. N. 7324
Shukla, D. S. 7974, 8789, 8796
Shukla, J. P. 9443
Shukla, N. 6507
Shukla, N. P. 2401
Shukla, R. K. 7058
Shukla, R. S. 5678
Shukla, S. 1321
Shukla, S. K. 1146, 8381
Shukla, S. P. 8611
Shukla, V. D. 283
Shukla Saluja 9277
Shukshin, F. P. 4369
Shulegina, M. V. 6986
Shumaker, J. R. 520
Shvetsov, A. A. 1115, 9189
Shyam, N. N. 238
Shyam, R. 5575
Si, L. H. 2766
Si LizHeng 2766
Siag, R. K. 1375, 6720
Sial, J. K. 5268
Siame, J. 2897
Sibdas Ghosh 6368
Sibiryakova, T. V. 4545
Sibiryankova, T. V. 2205
Sicbaldi, F. 8240
Sicher, R. C. 7986
Sichkar', V. I. 7416
Sicker, D. 3653
Siddaramappa, R. 4600
Siddhuraju, P. 4145
Siddiqi, R. H. 7803
Siddique, K. H. M. 6737, 7566, 7570, 8343-8344
Siddiqui, K. A. 3570
Siddiqui, S. A. 2401
Siddiqui, S. U. 4200
Siddiqui, Z. S. 9237
Siddons, P. A. 1183
Sidebottom, C. 1788
Siderius, M. 1538
Sidhu, A. S. 10
Sidhu, B. S. 8520
Sidhu, M. S. 5096
Sidhu, P. S. 1844
Sidiras, N. 1858, 8025
Šidlauskas, G. 8553
Sidler, A. 7056, 7211, 7385, 7795
Sidorenko, A. S. 3295
Sidorov, I. A. 8772
Sidorov, N. F. 2759
Sidramappa, S. N. 3468
Sieben, R. 8866
Siebenmorgen, T. J. 292, 1715
Siedlecka, A. 425, 2427, 4432
Siedow, J. N. 3118, 5653, 9129
Siefert, F. 2780
Siehl, D. L. 8057
Sieling, K. 7712
Sienkiewicz-Cholewa, U. 5292, 6897
Sierra, E. M. 3543
Sietz, W. 5158, 8804
Sievers, A. 216, 7293, 9574
Sifola, M. I. 5138
Signor, M. 6201, 6879
Sikander Ali 1022
Sikka, L. C. 2520, 8430
Sikora, E. 7646
Sikora, F. J. 6875
Sikorski, A. F. 8338
Šikulová, J. 1567
Sila Bhattacharya 2936
Silaeva, A. M. 752
Silim, S. N. 8392
Silin, A. L. 4546
Silk, W. K. 7295
Silpi Chattopadhyay 9239
Silva, A. C. F. da 519, 3314
Silva, A. P. da 2941
Silva, C. J. 6587
Silva, D. M. 3148, 9126
Silva, E. R. da 8142
Silva, J. A. 8040
Silva, J. B. C. da 4995
Silva, J. B. da 2216
Silva, J. E. 3088
Silva, J. F. da 3977
Silva, M. G. 4777, 4779
Silva, N. 9162
Silva, N. M. 1258-1260
Silva, N. M. da 1257, 6815
Silva, P. R. F. da 4655
Silva, R. F. da 1753, 8217, 8298-8300, 8350
Silva, R. M. M. F. 9345
Silva Júnior, A. da 9319
Silva-Júnior, J. P. da 7303
Silva Souza, Z. da 519
Silveri, D. 6207
Silverman, P. 6490
Silvertooth, J. 5887
Silvertooth, J. C. 6807
Silvestre, J. 3518
Silvestro, L. 2245
Sim, S. K. 4963
Simán, G. 4378
Simard, R. R. 2200, 8288
Simarov, B. V. 3194, 4062
Simelane, S. 3896
Simeonov, N. 152, 1604
Šimko, I. 1928
Simmelsgaard, S. E. 8680
Simmonds, L. P. 4968, 6533
Simmons, S. R. 1549
Simón, E. 1125
Simon, I. K. 246-247
Šimon, J. 2113
Šimon, T. 4063, 6662
Simon-Kiss, I. 271
Simoni, G. 4750
Simota, C. 9562
Simova-Stoilova, L. 7195
Simpson, B. B. 2128
Simpson, D. M. 1064, 4770
Simpson, E. H. III 5073
Simpson, R. J. 1410
Simpson, R. M. 4109
Sims, D. A. 1419, 7870, 8639
Sims, I. M. 8589
Sims, J. L. 1066, 6929
Sin, W. G. 4729
Sin WonGyong 4729
Sinbuathong, N. 1827
Sinclair, J. 3182
Sinclair, T. R. 8-9, 48, 353, 2102, 2700, 4540, 7375, 7411, 8078, 8194, 8278, 9473
Sinclair, W. 9526
Šindelář, L. 3438
Šindelářová, M. 3438
Sindhu, S. S. 7529
Singal, H. R. 9425
Singaram, P. 2234, 7234, 7541
Singer, S. M. 1140, 7508
Singh, A. 2445, 4665, 4934, 6762, 6789, 7533, 9356
Singh, A. K. 676, 1346, 1372, 3922, 4107, 6428, 6705
Singh, A. L. 371
Singh, A. N. 8374, 9312, 9314
Singh, B. 2276, 4891, 5120, 5168, 6455, 7216, 7878, 8774
Singh, B. B. 3141, 3416, 8285
Singh, B. D. 2658, 3453
Singh, B. G. 652, 5945-5946
Singh, B. P. 3425, 6922, 9487
Singh, B. R. 21, 1611, 6522, 7157, 7298, 8945
Singh, C. B. 1482, 8625
Singh, C. M. 1040, 1311
Singh, C. P. 8938
Singh, C. V. 9050
Singh, D. 6022, 7311, 8724, 9418, 9426, 9465
Singh, D. B. 678, 4868
Singh, D. N. 1360, 5851
Singh, D. P. 1176, 1483, 3394, 7908, 8351, 8542, 9425-9426, 9429, 9472
Singh, D. V. 1405, 6536
Singh, G. 11, 673, 821, 1061, 2740, 4413, 4494, 7119, 8442, 9356
Singh, G. B. 8611
Singh, G. P. 2033, 2658, 3453, 5168, 5176, 6051, 9443
Singh, G. R. 2473
Singh, G. S. 677
Singh, H. 281, 673, 2611, 3394, 3826, 6905, 7100, 7510, 8416
Singh, H. B. 7735
Singh, H. K. 8625
Singh, H. P. 5941, 6495-6496, 6729, 7076, 7584, 9383
Singh, I. 1314, 3249
Singh, J. 707, 3144, 3494, 3617, 5382, 5977, 6809, 6911, 7910, 8520
Singh, J. P. 1906, 2585, 5162, 7415, 8443, 9305, 9453
Singh, K. 3246, 3446, 3465, 3922, 6090, 6928, 8624, 9465
Singh, K. B. 5782
Singh, K. D. 5999
Singh, K. D. N. 6943, 6960
Singh, K. J. 9123
Singh, K. K. 6087
Singh, K. N. 989, 4671
Singh, K. P. 4376, 6564
Singh, L. 7556, 9310
Singh, M. 342, 1061, 1471, 1622, 1766, 1848, 1854, 2075, 3421, 4107, 4898, 6594, 6789, 7735, 8316, 8325, 8562, 8606, 8629, 8915, 8924
Singh, M. K. 2671, 4079, 4082, 4476, 7083, 7799
Singh, M. P. 8981
Singh, M. V. 3931
Singh, N. 496, 4932, 5162, 6980, 7315, 8433
Singh, N. B. 6727, 7065, 7556, 8411
Singh, N. K. 2029, 6939
Singh, N. P. 903, 1323, 5801, 6675, 6705, 7228, 7543
Singh, N. R. 9427
Singh, O. 3465
Singh, O. N. 6717-6718
Singh, O. P. 4494, 4737, 7364, 8732, 9123
Singh, P. 2448, 5560, 6550, 7036, 7736, 7908, 8169, 9079, 9425, 9465
Singh, P. K. 8505, 9472
Singh, P. N. 11, 8727
Singh, P. P. 7227
Singh, P. V. 6914, 6928
Singh, R. 821, 1150, 2389, 4491, 4511, 4802, 5156, 5977, 6809, 6909, 7139, 7734, 7910, 8002, 8325, 8554, 8744-8745, 8852, 9417, 9417, 9477, 9481
Singh, R. A. 1372, 3939, 4768, 7876, 8606
Singh, R. B. 9317
Singh, R. C. 1314, 7580
Singh, R. D. 249, 494, 1901, 4665
Singh, R. G. 707, 1351, 5165, 6941

Singh, R. K. 2, 698, 7068, 9050
Singh, R. M. 7557
Singh, R. N. 4812
Singh, R. N. P. 6965, 7510
Singh, R. P. 534, 1369, 1372, 1899, 2476, 3172, 3824, 4376, 4865, 5979, 7227, 7932, 8650, 8682, 8710
Singh, R. S. 649, 1484, 2286, 6439, 6717-6718, 9256
Singh, R. V. 322, 1164, 1735, 6159, 6174, 7382
Singh, S. 710, 1323, 1499, 1844, 2659, 3318, 4350, 4376, 4493, 5096, 5300, 6495-6496, 6729, 7376, 7584, 7745, 8374, 8562, 8774, 9081, 9445
Singh, S. B. 3463
Singh, S. D. S. 8626
Singh, S. J. 6169
Singh, S. K. 8351
Singh, S. K. P. 1346
Singh, S. N. 1344-1345, 1357-1358, 6045-6046, 9443
Singh, S. P. 677, 710, 979, 1321, 1904, 3145, 3318, 7037, 7311, 8440-8441, 8981
Singh, S. R. 8816
Singh, S. S. 1346, 3243, 4493, 6428
Singh, T. A. 1082
Singh, T. P. 698, 1156
Singh, U. 1775, 1935
Singh, U. P. 7557
Singh, V. 60, 436, 1375, 3318, 6866, 7415, 7911, 8440
Singh, V. K. 4812, 5124, 8397
Singh, V. N. 1904, 5979, 8441
Singh, V. P. 2672, 2749, 8409
Singh, V. P. N. 802, 809, 2136, 2142
Singh, V. S. 2856
Singh, Y. 7311
Singh, Y. D. 2017, 3418, 4513
Singh, Y. V. 742
Singha, D. D. 2064, 6971
Singhal, A. K. 9481
Singhal, G. S. 2404
Singhania, R. A. 7613
Singla, S. L. 9038
Single, H. R. 3394
Singletary, G. W. 1643
Singleton, P. W. 3084
Sinha, A. C. 9236
Sinha, A. K. 584
Sinha, B. K. 8080, 8505
Sinha, K. K. 2254, 5470
Sinha, N. C. 7797
Sinha, N. K. 8184
Sinha, R. 5990, 6038
Sinha, R. B. 5290
Sinha, S. K. 698, 8682
Sinha, T. P. 9059
Sinha, U. P. 1346
Sinjorgo, K. M. C. 4571
Sinmena, B. 8197
Sinoquet, H. 7678
Sinsinwar, B. S. 4650
Sint Jan, V. van 4706
Sinyavin, M. S. 3672
Sinyutina, N. F. 942
Siota, C. M. 2672
Siqueira, J. G. 6798
Siqueira, J. G. de 6802
Siqueira, J. O. 7303
Sirbu, M. 489, 2485
Sircar, P. K. 2460
Siriţanu, V. 193
Sirohi, G. S. 433
Sisák, I. 1470
Šiška, B. 2810
Sisler, E. C. 8337
Sisson, W. L. 37, 135-137
Sistani, K. R. 4680
Sitbon, F. 3458
Sito, S. 665
Sitompul, S. M. 4900-4902
Sitta, Y. M. A. 1655
Sittisuang, P. 302
Situ, S. 2132
Situ Song 2132
Sivakanesan, R. 586
Sivakumar, M. V. K. 1038
Sivakumar, S. 1023
Sivan, P. 4231
Sivaraman, K. 5422
Sivasankar, S. 1396, 8055
Sivasithamparam, K. 72
Sivasubramanian, V. 1149, 1162
Siyag, R. S. 4372
Skala, J. 6903
Skalický J. 7606
Škaloud, V. 7022
Skärby, L. 148
Skarlou, V. 2185, 8751
Skates, B. A. 3745
Skazhennik, M. A. 2979
Skender, A. 9117
Skerrett, M. 6232
Skiba, U. 1518
Skinner, R. J. 6551
Skochinskaya, N. N. 360
Skoczowski, A. 7885
Skorupińska, A. 2560
Skórzyńska-Polit, E. 3229, 4105
Skøt, L. 8291
Skotnikov, A. V. 2108, 8016
Škrobáková, E. 388
Skrudlik, G. 4146
Skrzypczak, G. 1491, 2850
Skubisz, G. 7715
Sky, R. C. 6054
Slaats, J. J. P. 1581
Slabas, A. R. 9228
Slafer, G. A. 3677, 5302, 6260, 8766
Slansky, I. 7687
Śląski, J. J. 1508, 4505, 6238
Slater, A. 3288
Slaton, N. A. 1662, 1666, 1677, 1681, 1702, 4724
Slattery, W. J. 23, 8761-8762
Slaughter, L. H. 357
Slavkin, V. I. 4941
Slavov, N. 6399
Slavov, N. S. 3807
Sławiński, C. 7152
Slepchenko, A. I. 7416
Šlik, E. 6299
Šlimar, P. 1551
Slocombe, S. P. 2866, 6322
Slonovschi, V. 659
Slovák, L. 5404
Slovenia, Kmetijski Inštitut Slovenije 6138
Smallwood, M. 4460
Smart, J. R. 3352, 5869
Smart, M. K. 5823
Smeal, D. 1922
Smed, E. 1203
Smeda, R. 6939
Smertenko, A. 6009
Smethurst, P. J. 7276
Smiley, R. W. 3565, 5269-5270
Smirnoff, N. 881, 2691
Smirnova, L. S. 8491
Šmirous, P. 647
Smit, A. B. 1879, 3272, 7621
Smit, M. A. 354
Smítal, F. 8548
Smith, A. M. 1641, 1788, 3185, 6322, 9516
Smith, A. R. 74, 1113, 1135, 1442, 4050
Smith, B. G. 6667
Smith, B. N. 1634
Smith, C. J. 6734
Smith, D. 5413
Smith, D. A. 693
Smith, D. L. 2929, 2934, 4023, 6319, 6617, 7221, 7265, 7405
Smith, D. L. O. 2555
Smith, E. S. C. 9485
Smith, F. A. 3921, 4533, 6237
Smith, G. 4524
Smith, G. P. 858, 5339
Smith, G. R. 9454
Smith, H. 7849
Smith, J. 1882
Smith, J. B. 796
Smith, J. J. 7642
Smith, K. A. 5287
Smith, L. 9293
Smith, L. A. 7658
Smith, L. H. 883-884
Smith, L. J. 7281
Smith, M. A. 9442
Smith, M. C. 321, 612, 3354
Smith, M. E. 7277
Smith, M. T. 7207
Smith, P. M. C. 4114
Smith, P. T. 9130
Smith, R. C. 886
Smith, R. C. G. 93
Smith, R. J., Jr. 2985
Smith, R. S. 1085
Smith, T. 5035
Smith, V. L. 3208
Smith, W. K. 1414
Smithson, J. B. 3214, 5234
Smolders, E. 56-57
Smolders, H. 9099
Smolenskaya, I. N. 4922
Smolin, V. Yu. 6614
Smucker, A. J. M. 7836
Smulders, M. J. M. 2646
Smyth, M. R. 3722
Snaydon, R. W. 3563
Snell, B. E. 7418
Snell, P. J. 6530
Snidaro, M. 2140, 3957, 6201, 6220, 6879
Śnieg, L. 6297
Śnieżko, R. 8701
Snipes, C. E. 6814, 8485
Snir, N. 3778
Snogerup, L. 3515
Snow, J. P. 6579
Snyder, C. S. 3090
Snyder, G. H. 4705, 9016
So, H. B. 2446, 2478-2479, 2482, 4141
So, J. D. 2287, 3833, 4359
So JaeDon 2287, 3833, 4359
Soaliha Ahmed 9237
Soares, S. F. 3818
Soave, D. 4479
Soave, J. 6450
Sobarad, P. M. 9382
Söber, A. 5751
Sobkowicz, P. 3696
Sobrinho, T. A. 5856
Socaciu, C. 8939
Sodek, L. 3148, 3849, 6599, 9126
Söderström, M. 7127-7128
Soehono, L. A. 8324
Sofer, Y. 7500
Sogo, J. 8949
Soh, W. Y. 641
Soh WoongYoung 641
Soja, A. M. 3674
Soja, G. 3674
Sojka, R. E. 3482, 4178
Sokolenko, A. 5724
Sokolov, M. S. 8772
Sokolov, O. A. 8923, 9324
Sokolov, O. I. 8349
Sokolovksy, S. G. 1537
Solaiappan, U. 987
Solaiman, M. Z. 8176
Solangi, M. S. 1971
Solanke, A. V. 5188, 6085
Solanke, V. M. 1730
Solankey, B. S. 20
Solanki, N. P. 3156
Solano, M. L. 9067
Solano, X. 5002, 5006
Solano S., J. 7585
Solárová, J. 6012
Solberg, E. D. 119, 8005
Solberg, S. Ø. 2053
Soldati, A. 2399
Soldatini, G. F. 3204, 3523, 3555, 4101, 5963, 9386, 9394
Solie, J. 5258
Solie, J. B. 7
Soliman, F. S. 1485
Soliman, S. 3682, 3766, 4022
Soll, J. 2411, 5723, 7018
Solmaz, A. 7121
Solntsev, M. K. 3622-3623, 7505
Solohub, M. P. 7919
Soloman, D. 1400
Solomon, S. 6534
Solov'ev, G. A. 2353
Solsten, T. R. 8920
Soltan, H. R. 2302
Soltani, A. 4128, 8941
Soltanpour, N. 2232
Som, J. 1826, 9239
Somani, L. L. 1445
Somani, R. B. 3893
Somasundar, M. 3451
Somawanshi, R. B. 445, 5777, 8202, 8400
Somers, D. J. 5322, 5609
Somersalo, S. 2677, 4201
Sommer, C. 7858
Sommer, D. 2696
Sommovigo, A. 1052
Somnuk Promdang 1692
Somsen, J. 4590
Son, B. Y. 4558, 5685
Son, C. K. 2204, 2371, 4782
Son, S. Y. 5003
Son, Y. 5510, 5557
Son BeomYong 4558
Son BeomYoung 5685
Son ChangKi 2204, 2371, 4782
Son SukYeong 5003
Son Yang 5510, 5557
Sonar, K. R. 314, 5763, 5777, 7070, 8202, 8400, 9064
Sonawane, S. S. 8185
Sondge, V. D. 645, 5931-5932
Söndgerath, D. 3639
Song, D. J. 4788-4789
Song, D. S. 5500, 5504, 5515-5516
Song, F. J. 6569
Song, F. Y. 7093
Song, G. Q. 9024
Song, H. F. 6467
Song, H. M. 6585
Song, H. S. 128, 5309
Song, H. X. 6562
Song, I. C. 4659
Song, J. Q. 3844-3845
Song, L. X. 8883
Song, P. 4713
Song, P. S. 2696
Song, S. B. 8235
Song, S. C. 6118
Song, S. H. 345
Song, S. Q. 2995
Song, S. T. 4592
Song, S. W. 8488
Song, S. Y. 6129
Song, T. M. 2935
Song, X. F. 2277, 8115
Song, X. L. 6467
Song, Y. J. 6419
Song, Y. L. 6243
Song, Y. M. 626
Song, Y. Q. 8082
Song, Z. M. 2811, 5260
Song DaoJun 4788-4789
Song DongSeog 5500, 5504, 5515-5516
Song FengJuan 6569
Song GuoQing 9024
Song HaiXing 6562
Song HongFeng 6467
Song HuiMin 6585
Song HyunSook 128
Song HyunSuk 5309
Song InChang 4659
Song JiQing 3844-3845
Song LiuXuan 8883
Song PillSoon 2696
Song Ping 4713
Song SeogBo 8235
Song ShangYou 6129
Song ShiWen 8488
Song SiTu 4592
Song SongQuan 2995
Song SuHyoun 345
Song TongMing 2935
Song XiangFu 2277, 8115
Song XiaoLing 6467

Song YiMin 626
Song YiQian 8082
Song YoungJu 6419
Song YuLi 6243
Song ZhaoMing 2811, 5260
Songin, H. 6297
Soni, D. K. 8133
Soni, M. L. 1471
Soni, S. N. 6554, 6963
Sönmez, F. 2848
Sonnewald, U. 553, 1226, 4965
Sönnichsen, F. D. 5108
Sonnino, A. 3335
Sonobe, S. 688
Sonoike, K. 429, 1821, 5750, 9231
Sood, M. C. 4932
Sood, R. D. 2896
Soon, Y. K. 8733
Sopkovčík, M. 490
Sorce, C. 1232
Sørensen, M. 791
Soriano, J. M. 6719
Soriano-Niebla, J. J. 4149
Sorlino, D. 4130
Soroceanu, N. 778
Soroceanu, V. 778
Sorokin, E. M. 1866
Soroko, V. I. 8845
Sorrentino, G. 1991
Sorte, N. D. 338
Sorte, N. V. 4010, 4282, 6715
Sortino, O. 1972
Sosnina, N. A. 5161
Sosulski, F. W. 1003
Sotchenko, V. S. 2906
Sotillo, S. 7774, 7785, 8609
Soto, J. 8782
Sotta, B. 4827
Souibgui, M. 2518
Sounda, G. 3157-3159, 3382, 5089, 7460-7461, 9421
Soundarapandian, G. 2297
Soundrapandian, G. 3061
Sourell, H. 4936
Sousa, O. de 3452
Sousa, P. L. 4640
South Africa, South African Sugar Association Experiment Station 3547
Southan, M. D. 2790
Souto, M. R. S. 3296
Souvré, A. 4295, 5953
Souza, A. F. 6803
Souza, D. M. G. de 3945
Souza, J. F. 8931
Souza, J. L. de 5757
Souza, L. da S. 6796
Souza, P. I. de M. de 2057
Souza, P. I. M. 6560
Souza, P. R. de 4655-4656
Souza, S. R. de 9017
Souza, V. F. de 6695
Souza, Z. da S. 519, 3314
Souza Júnior, J. O. de 8359
Sowinska, M. 7753
Soza, E. L. 5619
Sözeri, S. 7121
Spaargaren, D. H. 2090
Spackman, E. 499
Spaink, H. P. 2097, 4433
Špak, J. 2637
Spangfort, M. D. 9190
Špánik, F. 2810
Spanswick, R. M. 1116
Spanu, A. 3820, 6422, 6451, 8979
Sparace, S. A. 3187, 4817
Sparla, F. 2025
Sparvoli, F. 1144
Spears, J. F. 9151
Speed, T. R. 5058
Spehar, C. R. 6560, 6586
Spellman, D. E. 2232
Spence, J. 1307
Spence, R. D. 799
Spener, F. 5136
Speranza, A. 8071
Sperlingsson, C. 7616
Sperti, S. 8869
Speth, V. 5475
Spiers, G. A. 7586
Spiertz, J. H. J. 6760
Spiess, E. 4467
Spink, J. H. 5259, 6161
Spire, M. L. 6153
Spiridonov, Yu. Ya. 2704
Spiridonova, G. S. 2704
Spitters, C. J. T. 4972
Spoelstra, P. 1650
Špokas, L. 2198, 2202, 3067
Sporns, P. 4194
Sprenger, N. 6326
Sprent, J. I. 3139, 5795, 9158
Sprinkle, W. B. 1264
Sprügel, H. 6053
Špunda, V. 1574
Spurgeon, W. E. 171-172, 8892
Spurlock, S. R. 5267
Spyropoulos, C. G. 1186
Squire, G. R. 1304, 4982
Srba, V. 2489
Srečc, S. 4496
Sreedhar, A. S. 9232
Sreelatha, D. 5629, 6674
Sreemannarayana, B. 450, 657, 5947, 7568
Sreenivas, G. 922
Sreenivasa, M. N. 2828, 5679
Sridhar, V. N. 5367
Sridhara, C. J. 1765
Sridharan, C. S. 1284, 6624, 8312
Srikanth, K. 6942
Srimathi, P. 1836
Srinivas, K. 3027, 6083, 6522
Srinivas, S. 3449, 9074
Srinivas, T. 2936, 7613
Srinivasa Rao 9068
Srinivasan, A. 2003
Srinivasan, D. 1726
Srinivasan, K. 6421, 7598, 7794, 8395
Srinivasan, M. 7524
Srinivasan, V. T. 2158
Srinivasulu, R. 5999
Srisankari 6445
Srivastava, A. 1124, 1798, 1933
Srivastava, G. P. 3231
Srivastava, H. S. 7254, 8650, 8682, 8710
Srivastava, K. P. 1913
Srivastava, M. M. 6471
Srivastava, N. N. 1973
Srivastava, O. P. 1906
Srivastava, P. C. 2075
Srivastava, P. S. L. 8816
Srivastava, R. D. L. 8732
Srivastava, R. P. 710, 2033, 5176
Srivastava, S. 5929, 6471
Srivastava, S. K. 4445
Srivastava, S. P. 7573
Srivastava, U. S. L. 7903
Srivastava, V. C. 1898, 3231
Srivastava, V. K. 5982, 6051
Srivasuki, K. P. 6122
Srnka, F. 4623
Šrojtová, G. 6878
Šroller, J. 4156, 4909-4911
Sta. Cruz, P. C. 4674
Staaij, J. van de 3525
Stacey, G. 6619
Stacey, N. J. 8669
Stack, M. 33
Staden, J. van 6598
Staehelin, C. 2387
Staehelin, L. A. 690, 5150, 7484, 7846
Stafford, A. E. 9374
Stafford, J. 8681
Stafford, J. V. 900, 7389, 8689
Staggenborg, S. A. 1956
Ståhl, L. 2883
Stahlberg, R. 3183, 4058
Stahlman, P. W. 329, 3967, 7937
Stair, K. 5036
Stalin, P. 2993
Stalker, H. T. 9168
Stallaert, V. 2021
Stallknecht, G. F. 6225
Stamboliev, M. 428, 1652, 4846
Stamford, N. P. 3237
Stamp, P. 1653, 2265, 2399, 3764, 4628
Stan, S. 7081
Stanca, A. M. 5395-5396
Stancheva, I. 5491
Staněk, J. 7967
Stangassinger, M. 8806
Stange M., B. 118
Stangoulis, J. C. R. 8545
Stanislas, E. 8565
Stanisławska-Glubiak, E. 5292
Stankov, I. 114-115
Stankova, P. 114-115
Stanković, L. 2807, 2842, 2870
Stankowski, S. 1515, 1533, 8847
Stano, J. 9428
Stanton, J. 6824
Stapleton, A. E. 4639
Stapleton, G. S. 1953, 3965, 8238
Starchenkov, E. P. 360, 406, 468
Starfield, A. M. 8092
Stark, C. R., Jr. 5018
Starke, R. J. 487
Starling, T. M. 37, 136-137
Stašauskaitė, S. 6375
Stasik, O. O. 53, 1636
Stastny, K. 2902
Staswick, P. E. 1394
Staszková, L. 1458
Štaud, J. 647, 3371
Staveren, M. J. van 2646
Stavropoulos, N. 2546
Stead, A. D. 7842
Steed, A. 5474
Steele, C. C. 9100-9102, 9136
Steele, S. H. 1151, 8375
Steensen, J. K. 7610
Stefanelli, G. 1598
Ştefănescu, M. 7075
Stefanizzi, L. 1640
Stefanowska, M. 9409
Stehno, Z. 7022
Steiger, S. 208
Stein, A. 1724
Stein-Bachinger, K. 8450
Steinbach, H. S. 3903, 3905
Steiner, R. L. 4890
Steingiesser, R. 8018
Steinhardt, G. C. 158-159
Steinmetz, S. 4656
Steinmüller, N. 1586, 2712
Steinwand, A. L. 2954
Stelling, D. 4066
Stelluti, M. 3909, 7371
Steltenpool, J. A. N. 1227
Stemler, A. J. 5204
Stendahl, F. 4556
Štěpánek, S. 4161
Stepanov, A. V. 7719
Stephan, U. W. 637
Stephan, V. W. 637
Stephens, D. B. 1721
Stephens, J. L. 1508
Stephens, L. C. 4977
Stephens, P. A. 5642
Stephens, W. 4152
Stępniewski, A. 4318, 7718
Stępniewski, W. 4631
Štěrba, Z. 5822
Sterling, J. 6648
Sterling, T. M. 9357
Steudle, E. 4400
Steven, M. 2499, 7620
Steven, M. D. 2498
Stevens, G. 5867
Stevens, G. L. 1960
Stevens, J. 5019
Stevens, W. B. 1387
Stevens, W. E. 5051
Stevenson, C. 7898
Stevenson, E. A. 68, 7955
Stevenson, F. C. 1976
Stevenson, H. J. 461
Stewart, A. M. 9348
Stewart, B. 2329
Stewart, B. A. 170
Stewart, D. W. 160, 5427, 7221
Stewart, J. 609
Stewart, J. M. 6831
Stewart, W. 5028
Stewart, W. M. 130-132
Stewart-Williams, K. D. 6680-6683
Steynberg, R. E. 188
Sthapit, B. R. 3649
Stichler, C. R. 5067
Stickens, D. 1339
Sticksel, E. 3590, 8022
Stieber, T. D. 2547
Stigter, C. J. 156
Stikic, R. 1404
Stiles, H. S. 5020
Still, D. W. 5773
Stinemetz, C. 1114
Stinemetz, C. L. 3233
Stirk, W. A. 6598
Stirling, B. T. 3095-3096
Stirzaker, R. J. 3720
Stitt, M. 1228, 4964-4965, 5833
Stobart, A. K. 651, 1298
Stobiecki, M. 3262, 4133
Stockdale, E. A. 4753, 5287
Stockle, C. 6078
Stockle, C. O. 557, 3540, 7833
Stockton, R. D. 5258
Stočkus, A. 6337
Stöhr, C. 3515
Stoimenova, I. 3972, 3976, 6592
Stojanović, Z. 1751
Stokes, D. T. 1299, 8794
Stolarek, J. 3930
Stoller, E. W. 1064, 4770
Stolyarenko, V. S. 190
Stone, B. A. 9037
Stone, L. F. 4095
Stone, L. R. 7804, 8892
Stone, P. J. 1526, 2802, 2818, 6268
Stone, R. C. 1774
Stoner, K. A. 1915
Stones, S. M. 8533
Stopes, C. E. 3563, 6081
Storer, P. J. 4114
Storey, R. M. J. 4927, 7051
Stougaard, R. N. 6225
Stout, S. J. 1660
Stoyanova, J. 2398, 4090
Stoyanova, J. S. 6602, 6606
Stoyanova, M. 430, 456
Stoyanova, S. 1620
Stoynova, E. 6638
Strabala, T. J. 4337
Strachan, S. D. 8047
Strack, D. 3721, 6553
Strack, S. 7985
Strączyński, S. 5292, 6300
Strahler, A. H. 8691
Stransky, H. 2919
Strašil, Z. 4324, 6903
Strasser, R. J. 202, 1798, 1933, 4609, 5154
Straub, P. F. 8283
Stred'anská, A. 3539
Street, J. E. 286
Strid, H. 4502
Stringer, J. K. 2043
Stringi, L. 4379
Strnad, M. 4979
Strniša, A. 2030
Stroiński, A. 4988, 7637
Stroīvans, L. T. 22
Strong, W. M. 810, 816, 5280, 6252, 7080
Strudwick, N. J. 6652
Struik, P. C. 1879, 2550, 3272, 7640
Struve, T. H. 5022
Strzałka, K. 3432, 8581
Strzelec, A. 8293
Stuchbury, T. 313
Studer, D. 9142
Stulen, I. 5626, 6272, 7821
Stumpe, H. 863
Stupnicka-Rodzynkiewicz, E. 715
Sturtz, J. D. 9484

Sturz, A. V. 2253
Stutler, M. H. 5899
Stymne, S. 651, 2625
Stys, D. 9190
Su, B. 6177
Su, B. L. 1024, 2789, 2969, 4527, 8822
Su, C. G. 2568, 5859
Su, F. 381, 6632
Su, H. 7451
Su, M. R. 8179, 8289
Su, P. 226
Su, Y. 8383
Su, Z. W. 4283
Su BaoLin 1024, 2789, 2969, 4527, 8822
Su Buo 6177
Su ChengGang 2568, 5859
Su Fang 381, 6632
Su Hsin 7451
Su MuhRong 8179, 8289
Su Pei 226
Su Yi 8383
Su ZhongWu 4283
Suárez, L. C. 9147
Subbaiah, G. 1316
Subbaiah, H. 379-380
Subbaiah, S. V. 8977, 9478
Subbalakshmi, B. 1284
Subbalaxmi, L. 2657
Subbaraman, N. 3061, 8191
Subedar Singh 1323
Subedi, K. D. 1449, 2066, 3597, 3649, 4455, 5522, 6089, 6249, 7062, 7220, 7948
Subedi, M. 3597, 3649, 5774, 6170, 6249, 7062, 7924, 7948, 8044, 9333
Subedi, P. P. 5707, 8420
Subey Singh 8562
Subhas Chander 7581
Subhash, N. 7703
Subhash Chander 4697, 7932
Subhash Chandra 2511, 8002
Subhash Kumar 5115
Subhendu Mukherji 8377, 8379
Subrahmanyam, M. V. R. 4360
Subramaniam, V. 7157
Subramaniampillai, A 4039
Subramanian, K. S. 7699
Subramanian, L. 2382
Subramanian, M. 988, 2297, 7352
Subramanian, M. V. 8057
Subramanian, S. 2297
Subrat Sharma 7037
Subrata Maity 9300
Subudhi, C. R. 2968
Sud, K. C. 7630, 8447
Suda, I. 1800
Sudama Singh 710, 9445
Sudarsanamma, A. 4796
Sudduth, K. A. 2100, 8688
Sudeep 3424
Sudeep Singh 7745
Südekum, K. H. 8806
Sudesh Kumar 8200
Sudha Mathur 4877
Sugahara, K. 6725
Suganuma, T. 5664, 5846
Sugawara, H. 4172
Sugawara, S. 6545-6546
Suge, H. 1114, 3071, 4828, 7493, 7956
Sughii, S. 2665
Sugimoto, A. 6020
Sugisawa, M. 7115
Sugito, Y. 5000
Sugiura, M. 1333
Sugiyama, S. 2991
Sugiyama, T. 4219, 6538
Sugunya Mahatheeranont 1692
Suh, D. Y. 126-127
Suh, E. J. 7641
Suh, H. S. 126-127, 5414, 8235
Suh, J. S. 345
Suh, M. W. 6840
Suh, S. G. 7641
Suh, S. J. 128, 5397
Suh DuckYong 126-127
Suh EunJung 7641
Suh HyungSoo 126-127, 5414, 8235
Suh JeongSun 345
Suh SaeJung 128, 5397
Suh SangGon 7641
Sui, Q. W. 4028
Sui QingWei 4028
Suire, C. 2249
Suja, G. 4223
Sujatha, M. 5971
Sujatha, N. T. 8446
Sukhadia, N. M. 1185
Sukhchain 6955
Sukhvinder Singh 5096
Sukumar Gupta 9461
Sulaikin, F. A. 6303
Sułek, A. 3566, 3572, 8725
Suliman, M. 680
Sullivan, C. Y. 4516, 4740, 5347
Sullivan, J. H. 5237
Sullivan, M. J. 594, 5035
Sultana, W. 2131
Suman Mor 4122
Sumarno 2478, 2482
Sumida, H. 4702
Sumiyoshi, T. 9040
Sumkina, L. V. 4603
Summ, P. 1340, 7753
Summerfield, R. J. 3906, 4357, 5774, 8277
Summers, R. G. 2649
Sumner, M. E. 9468
Sumner, M. J. 3408
Sumpter, T. 2643
Sun, B. H. 4384
Sun, C. 3230
Sun, C. H. 5103
Sun, C. Y. 3074
Sun, D. 9328
Sun, G. Y. 3131, 6181
Sun, H. X. 7092
Sun, J. K. 4242
Sun, J. X. 6562
Sun, K. G. 3132
Sun, L. 6513
Sun, L. D. 8963
Sun, L. H. 8470
Sun, M. X. 7764
Sun, Q. H. 8971
Sun, R. C. 8810
Sun, W. Q. 4438, 6622
Sun, X. 3000
Sun, X. M. 6274, 8470
Sun, X. Z. 4501, 8472
Sun, Y. C. 5666
Sun, Y. M. 2568, 3573, 5859
Sun, Z. C. 165
Sun, Z. D. 5874
Sun, Z. M. 1722
Sun, Z. Y. 2168
Sun BenHua 4384
Sun Ce 3230
Sun ChangYan 3074
Sun ChunHe 5103
Sun GengYin 6181
Sun GuangYu 3131
Sun HuiXian 7092
Sun JianKang 4242
Sun JingXia 6562
Sun KeGang 3132
Sun LiDong 8963
Sun LiHua 8470
Sun Ling 6513
Sun MengXiang 7764
Sun QinHong 8971
Sun RunCang 8810
Sun Xian 3000
Sun XiaoMei 8470
Sun XiaoMin 6274
Sun XueZhen 4501, 8472
Sun YongChun 5666
Sun YuanMin 3573
Sun YuanMing 2568, 5859
Sun ZhengCai 165
Sun ZhenYuan 2168
Sun ZhiDong 5874
Sun ZhiMing 1722
Sunarpi 1065, 1759, 5655, 7431, 8250
Sundar, M. S. 6047
Sundar, R. M. 8409
Sundara, B. 3448, 6024
Sundaram, N. 3959
Sundaresan, V. 786
Sundberg, M. D. 1648
Sundqvist, C. 7969, 9531
Sundrarm, T. 988
Suneja, S. 1992, 7600
Sung, H. Y. 1699, 3852
Sung, I. 4296
Sung, S. J. 1703
Sung HsienYi 1699, 3852
Sunil Kumar 9248
Sunita Jain 7743
Sunita Suneja 1992, 7600
Sunita Tomer 8562
Sunohara, Y. 3020, 6464
Sunseri, F. 2610, 5952, 8529
Sunyoto 3934
Suppiah, R. 2715
Suprasanna, P. 5479, 6500
Sur, H. S. 8760
Suraj Bhan 2015, 2072, 5575, 5974
Sureena Chhabra 3258
Sürek, H. 6424
Surender Singh 9081
Surendra Singh 4376
Surendragopal, K. 7331
Suresh, K. 2016, 6923, 8407
Suresh, M. 8191
Suri, V. K. 6353, 8906
Surina, O. B. 75
Surinder Sharma 8487
Suryanarayana, G. 279
Suryanarayana, K. 5994
Suryavanshi, Y. B. 4112, 4121, 4860
Suryawanshi, Y. B. 5598
Susanti, E. 305
Sushil Kumar 1851
Sushila Dabas 4865
Sushila Kundu 2038
Susmita Koley 5806
Sutaria, G. S. 7945
Sutherland, B. M. 3885
Sutherland, J. C. 3885
Sutka, J. 852, 3670
Suto, M. 3020
Sutou, K. 3584
Sutter, E. G. 8952
Suttle, J. C. 2537, 3324, 4825
Sutton, J. M. 409
Sutton, K. H. 5844
Sutton, T. G. 7750
Suwanarit, A. 1617, 3737
Suwara, I. 4306, 4316
Suyambulingom, C. 2614
Suzuki, G. 8264
Suzuki, H. 2714
Suzuki, J. 1004
Suzuki, M. 2369, 2392, 3585
Suzuki, M. T. 5856
Suzuki, S. 9128
Suzuki, T. 220, 2306, 8978, 9245
Suzuki, Y. 1709, 3587, 3847, 4153, 9020
Švachula, V. 4156, 4909-4911, 7608
Svendsen, I. 5586
Svensson, G. 6544
Švihra, J. 2176, 2797
Swaaij, A. C. van 4580
Swain, D. 4996, 8384
Swain, K. C. 4594
Swain, S. K. 1478
Swami, B. N. 6980
Swaminathan, C. 2697
Swamy, H. N. S. 8453
Swamy, K. K. M. 5428
Swamy, K. R. 3447, 6041, 6100
Swamy, P. M. 1094, 4796, 4873, 9176
Swamy, S. N. 5428
Swan, J. B. 3477, 6340
Swanevelder, C. J. 1090, 1097
Swanson, H. R. 4497
Swanson, S. J. 4568
Swanton, C. J. 1128, 1625, 2231, 4606, 7409, 8049
Swapna, M. 9271
Swaraj, K. 2464, 8416
Swarup, A. 258, 1471
Swarup, K. 8403
Sweeney, P. M. 3153
Swegle, M. 3851
Swezey, S. L. 5014
Swift, M. J. 155, 7040
Swift, R. S. 455, 6178
Swinton, S. M. 2375, 6365, 9115
Syaku, I. 9029
Syed, K. 6883
Syed Ehteshamul-Haque 3935
Syed Ismail 4360
Sykes, J. 6737
Sykut, A. 3633
Sykut, S. 6098
Sylvester-Bradley, R. 5285, 5366, 6161, 7073, 7917-7918
Symes, C. W. 1938
Symons, M. H. 7197
Syono, K. 108
Sypuła, M. 9090
Sysoyeva, M. I. 2091
Szabó, A. T. 7150
Szabó, M. 2801, 2809
Szabó, T. 215
Szafranek, J. 537
Szakál, P. 8402
Szalai, G. 1654, 2266
Szalai, T. 2809, 8341
Szalka, É. 3734, 8402
Szántosi, T. 775
Szarek, P. 3299
Szczepanowska, I. 7245
Szczepkowska-Kuźnicka, E. 6011
Szczuka, E. 7838
Szczurowska, B. 3495
Szegletes, Z. 4415
Szekeli, A. 489, 2485, 4914
Szén, L. 3621
Szente, K. 7977
Szentpétery, Z. S. 2801
Szigeti, Z. 1654
Szlavnics, Z. A. 1477
Szlovák, S. 5440
Szmigiel, A. 3579
Szmigielska, A. M. 7123
Szöke, T. G. 5040
Szolvák, S. 215, 246
Szor, B. 7716
Szot, B. 664, 666, 4301, 4303, 4318
Szponarski, W. 1331
Szpryngiel, M. 664, 666, 4303, 7716-7717
Szundy, T. 5437
Szunics, L. 2826, 7146
Szustak, A. 4631
Szwed, G. 4319-4320
Szymankiewicz, K. 3479, 4586
Szymańska, M. 6290
Szyrmer, J. 3960
Tabak, S. 7831
Taban, S. 2819
Tabaru, Y. 7397
Tabo, R. 8180
Tabuchi, K. 1076, 3103-3104
Taconet, O. 7031
Tada, H. 2973
Tadano, T. 2085, 4391, 6468, 9265
Tadele Zerihun 6921
Tadera, K. 5664
Tadesse, N. 7900
Tadesse Mebrahtu 9111
Tadious, T. 3726
Tadokoro, T. 7542
Tafazoli, E. 5330
Tafur, S. M. de 5848
Tagawa, A. 7406
Tagliari, P. S. 518
Taguchi, H. 6932, 7760
Taha, A. M. 8182
Tahir, M. 500
Tahoun, S. A. 1576
Tahsinullah Khan 501
Tai, C. Y. 4081

Tai, G. C. C. 514-517, 564, 5835
Tai, K. S. 8389
Tai, P. Y. P. 699, 3457
Tai ChenYang 4081
Tai KouShing 8389
Tairbekov, M. G. 747
Tairu, O. A. 5860
Taiwan, Food and Fertilizer Technology Center for the Asian and Pacific Region 7046
Taiwan, Institute of Botany, Academia Sinica 3551
Taiwan, Taiwan Sugar Research Institute 7041, 9565
Taj, F. H. 680
Takabe, T. 895, 895, 1019, 1019
Takáč, J. 6094
Takagi, H. 7655, 8989
Takagi, S. 4055, 9197
Takahachi, T. 5663
Takahama, U. 3242, 7539
Takahashi, H. 1114, 4828, 7956
Takahashi, K. 1076, 2391, 2963, 2975, 3017, 3103-3104, 5152, 7349, 9032
Takahashi, M. 1335, 3704
Takahashi, N. 3103-3104, 5753, 9035
Takahashi, S. 966
Takahashi, T. 7766
Takahashi, W. 1001
Takahasi, H. 7493
Takahata, Y. 587, 1247, 3330, 6900
Takamatsu, M. 3823, 8980
Takamiya, K. 8264
Takankhar, V. G. 9255
Takano, J. 3013, 3016
Takano, M. 7493
Takasaki, Y. 3940, 4040
Takasawa, Y. 9245
Takatori, H. 3586
Takatsuna, S. 220
Takayanagi, S. 7422
Takeba, G. 2638
Takebe, M. 257
Takeda, G. 4339
Takeda, K. 3586, 5406, 5408, 7956
Takeda, M. 2305
Takeda, S. 2640, 4335
Takeda, T. 3414, 5715
Takemoto, D. 7647
Takemoto, M. 2024
Takeoka, Y. 1158
Takeuchi, H. 6979
Takeuchi, M. 7952
Takeuchi, S. 1013
Takeuchi, Y. 759, 4051
Takiguchi, K. 4158
Takizawa, R. 878
Takkar, P. N. 342, 1056, 3083, 3931, 9065, 9068, 9108
Takumi, K. 1745
Takunov, I. P. 463, 2466, 6972
Takura, Y. 6410
Talaba, A. 8904
Talanova, V. V. 2224
Talashilkar, S. C. 268, 370, 6427
Talavia, B. P. 8204
Talbert, R. E. 423, 2274, 2985, 4255
Talbott, L. D. 1124, 2419
Taleb, H. B. 927
Talekar, N. S. 585
Talipov, S. A. 3362
Tallman, G. 2420
Talluri, P. 2616
Talon, M. 404
Talpaz, H. 4971
Talts, P. 1575
Talukdar, M. C. 978
Talukdar, P. 5637
Talwar, H. S. 5695
Tamai, F. 2282
Tamak, J. C. 1499
Tamakawa, K. 2973
Tamaki, M. 5554
Tamás, I. A. 1892
Tamás, L. 2863
Tamayama, S. 7346
Tambe, T. B. 6084
Tamboli, B. D. 445, 5777, 8202, 8400
Tamilselvan, N. 2657
Tamimi, S. 216
Tamoshyunene, R. 3294
Tamošiūnienė, R. 3294
Tamura, Y. 6463-6464
Tan, L. J. 4466
Tan, S. M. 7013
Tan, T. Z. 4709
Tan, X. X. 7942
Tan, Z. 4809
Tan-elicano, D. 2446
Tan LiJun 4466
Tan ShaoMan 7013
Tan XinXing 7942
Tan Zhong 4809
Tan ZhouZi 4709
Tanaka, A. R. 6368
Tanaka, C. K. 2150
Tanaka, D. L. 325, 8716
Tanaka, K. 5496, 8152
Tanaka, N. 1013, 5231
Tanaka, O. 1013
Tanaka, R. T. 3948, 5631, 8253
Tanaka, S. 6698
Tanaka, T. 4851
Tanchev, D. 316, 3698, 3898
Tancogne, J. 4328
Tandecarz, J. S. 4966, 6382, 6773
Taneja, K. D. 8554
Tanevski, D. 2754
Tang, C. 467, 1189, 3263, 4148
Tang, C. Q. 396, 1523
Tang, F. S. 7464
Tang, H. M. 3267
Tang, L. 4174
Tang, Q. Q. 3005
Tang, R. H. 2308, 8585
Tang, R. S. 4716
Tang, S. J. 1269
Tang, S. X. 6447, 6460, 6494
Tang, X. H. 8159
Tang, X. R. 6493
Tang, Y. H. 3858
Tang, Y. J. 2776
Tang, Y. L. 3269, 6004
Tang, Z. C. 2344, 3686, 3901
Tang ChongQin 396, 1523
Tang FengShou 7464
Tang HongMei 3267
Tang Lan 4174
Tang QiQin 3005
Tang RiSheng 4716
Tang RuHang 2308, 8585
Tang ShengXiang 6447, 6460, 6494
Tang ShiJia 1269
Tang Van Hai 8121
Tang XiangRu 6493
Tang XiHua 8159
Tang YongHong 3858
Tang YuLin 3269, 6004
Tang ZhangCheng 2344, 3686, 3901
Taniguchi, M. 6538
Taniguchi, T. 1158
Taniguchi, Y. 2364, 7929
Tanimoto, E. 4053, 5717
Tank, N. K. 7982
Tankelyun, O. V. 942
Tanner, G. J. 8177
Tanner, R. D. 2480
Tano, F. 8018
Tanosaki, S. 6545-6546
Tantsev, D. 3732
Tanzi, F. 650, 2610, 2616, 8523, 8529
Tao, J. L. 8653
Tao, L. 8865
Tao, L. H. 4262
Tao, L. X. 808, 9034
Tao, Q. 5524
Tao, Q. N. 2987, 2992, 8147
Tao, S. S. 3819
Tao, W. 1339
Tao JiaLing 8653
Tao LingHu 4262
Tao LongXiang 808
Tao LongXing 9034
Tao QinNan 2987, 8147
Tao ShiShun 3819
Tapia, L. S. 8047
Tapia, M. 4342
Tarantino, E. 6978
Taranyuk, A. I. 7208, 7223
Tarawali, S. A. 153
Tarchevskii, I. A. 403
Tardieu, F. 219, 1635, 2264, 4421, 8081, 8340
Tardif, F. J. 2779
Tardy, F. 1225, 2549, 5402
Tarekegne, A. 6301
Tari, I. 2432, 3621
Tariq, A. H. 1907
Tariq, M. 6535
Tariq Jan 96
Tarn, T. R. 514-517
Tarui, Y. 944
Tasaka, K. 4658
Tashiro, S. 8239
Tashiro, T. 2974
Tashish, V. 7505
Taşkın, K. M. 3386
Tassani, V. 882
Tassell, L. W. van 1196
Tassoni, F. 2506, 2526, 9307
Tateishi, K. 5495
Tatge, H. 3185
Tatham, A. S. 1298, 5413
Taton, M. 210, 2921
Tatsuta, H. 2973
Taufatofua, P. 4211
Täufel, A. 6291
Taura, F. 2596
Tavares, L. C. V. 8216
Taveira, L. R. 8916
Távora, F. J. A. F. 5772
Taware, S. P. 5622, 8232-8233
Tay U., J. 6679
Tayde, R. D. 6440
Taylor, A. 201
Taylor, A. G. 2435
Taylor, A. R. 1126
Taylor, D. C. 6924
Taylor, D. K. 1634
Taylor, G. A. 6225
Taylor, G. J. 1504, 1508, 3656, 4505, 6238
Taylor, M. A. 1229
Taylor, P. N. 5964
Taylor, S. E. 956
Taylor, T. C. 3508
Tazawa, J. 4393
Teama, E. A. 819
Teasdale, J. 5181
Tebrügge, F. 5958
Tecchio, E. 9093
Techapinyawat, S. 1827
Tedeschi, G. 2025
Tedeschi, P. 1991
Tedone, L. 6882
Tegeder, M. 5745
Tegera, P. 2544-2545
Teittinen, M. 2358, 3640
Teixeira, C. M. G. 3849
Teixeira, D. A. 543
Teixeira, D. M. C. 3333
Teixeira, N. T. 8997
Tekale, V. S. 8241
Teklewold Adefris 6921
TeKrony, D. M. 1087, 5210, 5684, 9151, 9522
Telles-Pupulin, A. R. 2240
Téllez-Iñón, M. T. 4189, 5826
Telloli, R. 2494, 4918, 8425
Tembe, G. P. 4358
Temple, P. J. 2951
Temple, S. J. 4775
Templeton, G. E. 6416
Ten Berge, H. F. M. 2993
Ten Holte, L. 4582
Tena, M. 1288, 4126, 4289-4290
Tenberge, K. B. 5951
Tenebe, V. A. 1982
Tenhaken, R. 3127, 5141
Tenhola, T. 141
Tennilä, T. 9370
Tenorio, J. L. 9371
Teo, Y. H. 1702
Tepfer, M. 669
Teplyakov, A. V. 1865
Tepper, H. B. 4829
Terahara, N. 3331
Terai, K. 3241
Teraoka, T. 1709
Terashima, I. 429, 1132, 4288
Terashima, K. 8976
Terbea, M. 8062
Terbea, M. 4297
Terek, O. 2252
Teremyaeva, R. A. 3970
Terjung, F. 1118
Terouchi, N. 108
Terry, N. 2622
Terui, H. 1706
Teruui, H. 2972
Terzioğlu, S. 3668
Tesfaye Getachew 3066
Teshima, Y. 2295
Tessema Zewdu 4065
Tessens, E. 769
Tester, M. 6233, 6370, 6994, 7052, 7264
Tetlow, I. J. 5217
Tevini, M. 4856, 5101
Tewari, T. N. 710
Tewinkel, M. 9262
Tewolde, H. 5898
Tezara, W. 662
Tezuka, M. 4171, 4173
Thackrah, A. 2751
Thage, J. H. 671, 2002, 2628, 7730
Thakare, C. S. 8290
Thakare, G. G. 272
Thakare, H. S. 8391
Thaker, V. S. 2017
Thakral, N. K. 6927
Thakral, S. K. 3425, 6922
Thakur, A. C. 1370
Thakur, A. K. 7530
Thakur, C. L. 9474
Thakur, G. L. 2041
Thakur, L. S. 3428
Thakur, R. 2671, 4476, 6453, 7083, 7799
Thakur, R. B. 281, 3826
Thakur, R. C. 2896
Thakur, S. G. 9249
Thakur, S. K. 6428, 6960
Thakur, S. R. 389, 2507, 9083
Thakur, S. S. 6083, 6169
Thakur, U. S. 4123
Thakur, V. R. 5762
Thakuria, K. 976, 1043, 1322, 5121
Thakuria, R. K. 985
Thalmair, M. 2780
Thamm, F. 2924
Thampatti, K. C. M. 4221
Thangaľaj, M. 8164
Thangaraj, M. 5555
Thangavel, P. 315
Thangavelu, S. 1284, 1359, 2654, 3460, 5690, 7787-7788
Thanisawanyangkura, S. 7678
Thapa, M. P. 9183
Thapliyal, P. N. 3939, 4768
Tharp, J. E. 5644, 8273
Thatikunta, R. 4797
Thaxton, P. M. 611, 2577
Thayer, J. M. 1623
Theg, S. M. 2410
Theimer, R. R. 7724
Thélier-Huché, L. 5279
Thellier, M. 5077
Theodorou, M. E. 2018
Therrien, M. C. 121
Thiagalingam, K. 9489
Thibaud, M. C. 9436
Thiébaut, S. 5257
Thielert, W. 2109
Thier, H. P. 5334
Thies, W. 9410
Thijssen, M. H. 1650, 8549

Thilagavathy, T. 984
Thill, D. C. 667
Thimet, S. 1319
Thimmegowda, S. 1765, 5691
Thind, K. S. 6955
Thind, S. 8170
Thinh, N. T. 7655
Thion, L. 3503
Thiyagarajah, M. 2444
Thiyagarajan, T. M. 2993
Thoiron, S. 8925
Thomas, A. L. 7213
Thomas, B. 7851, 8342
Thomas, B. J. 2468
Thomas, D. J. 5642-5645
Thomas, E. 5272
Thomas, G. A. 6252
Thomas, H. 4395, 7829
Thomas, R. B. 8639
Thomas, R. J. 5585
Thomas, S. 6772
Thomas, T. H. 1199, 1873, 5812
Thomas, T. L. 7841
Thomas, W. 3684
Thomaschewski, H. 8451
Thomine, S. 1332
Thompson, A. K. 7651
Thompson, A. L. 6609
Thompson, D. S. 7289
Thompson, J. A. 1757
Thompson, J. M. 5885
Thompson, J. P. 5093
Thompson, K. 8001
Thompson, M. W. 5230
Thomson, B. D. 4148
Thomson, C. J. 7989
Thomson, W. W. 1853
Thongchai Mala 1613
Thorat, S. T. 256
Thorat, V. A. 7550
Thorbjørnsen, T. 1641
Thordal-Christensen, H. 2865
Thornber, C. S. 4639
Thorneley, R. N. F. 3434
Thornley, W. R. 4386
Thornton, I. 7021, 8270
Thornton, P. K. 2352
Thorpe, J. H. E. 514-517
Thorpe, M. R. 139
Thouez, J. P. 7878
Thresh, J. M. 5246
Thseng, F. S. 1071
Thseng FuSheng 1071
Thukral, A. K. 9431
Thuleau, P. 3503
Thulke, O. 3127
Thuries, L. 2169
Thurston, H. D. 7892
Thyagaraju, K. 9232
Thylén, L. 3542
Thynn, M. 4903
Tian, A. Y. 2969
Tian, E. P. 1100
Tian, G. 6735
Tian, G. W. 62
Tian, H. Q. 6937
Tian, L. C. 846
Tian, L. W. 8476
Tian, M. 6402
Tian, P. Z. 5666
Tian, R. Z. 3063-3064
Tian, T. L. 3019
Tian, Z. H. 9327
Tian, Z. X. 2794
Tian AnYou 2969
Tian EnPing 1100
Tian GuoWei 62
Tian HuiQiao 6937
Tian LiangCai 846
Tian LiWen 8476
Tian Mei 6402
Tian PeiZhan 5666
Tian TingLiang 3019
Tian ZheXu 2794
Tian ZhiHui 9327
Tianco, A. P. 6023
Tianu, M. 7081
Tiba, M. A. 4844
Tibbitts, T. W. 556, 5824, 6782, 9330
Tiburcio, A. F. 103, 4547, 6117, 9525
Tica, P. 2902
Tice, M. A. 2109
Ticelli, M. 8303
Tichá, I. 2027
Tichtinsky, G. 5342
Tichý, I. 3514
Tigier, H. 9298
Tigier, H. A. 5965
Tijani-Eniola, H. 5425
Tikhomirov, A. A. 6871
Tikhomirov, V. N. 7767
Tikhonov, A. N. 6280
Tikhonova, L. I. 7189
Tilahun Tadious 3726
Tilak, K. V. B. R. 6710
Tilekliоğlu, B. 4538
Tilialo, R. 4228
Tillberg, J. E. 6320
Tiller, K. G. 23
Tilley, K. A. 6225
Tillman, R. W. 2217
Tillmann, M. A. A. 8684
Timirgaziu, C. 7897, 7897
Timlin, D. J. 6605
Timmer, R. D. 4484, 4559, 4564, 8734
Timmer, V. R. 2740
Ting, T. J. 8463
Ting TieJing 8463
Tingey, W. M. 4872
Tinker, P. B. 7884
Tirczka, I. 2809
Tiroke, S. 4572
Tiron, N. 778
Tischner, R. 7618
Tischner, T. 2178, 2826, 7146, 7983
Tishchenko, N. N. 2078
Tisselli Filho, O. 3014, 6450
Tissot, G. 3186
Tissue, D. T. 8639
Tissut, M. 7255
Titov, A. F. 2224
Tits, M. 7615
Tiwari, A. 264
Tiwari, H. C. 7087
Tiwari, J. P. 1481, 3105, 3108, 3112, 4867, 7904, 9119
Tiwari, K. L. 4690
Tiwari, K. P. 4123
Tiwari, N. 2072
Tiwari, P. N. 8816
Tiwari, R. C. 2604, 8372
Tiwari, R. J. 6090, 9450
Tiwari, S. C. 8118
Tiwari, S. P. 4001, 8129
Tiwari, T. N. 5176
Tiwari, T. P. 3648
Tiwari, U. K. 6559
Tiwari, V. N. 5567
Tkachenko, V. A. 7223
Tkachuk, E. S. 53
Tkachuk, K. S. 54
Tkáčová, G. 3487
Tlustoš, P. 3738
Tobin, A. K. 2213
Tobita, S. 1846, 9252
Toboa, P. 1999
Todd, A. D. 1887
Todd, R. W. 2942
Toderi, G. 7819
Todey, D. P. 956
Todoran, A. 8904
Todorov, G. 1621
Todorović, G. 920
Todorovich, G. 920
Tofinga, M. P. 2273
Togashi, T. 8178, 8445
Tohver, A. 6015
Toit, C. L. N. du 9369
Toit, W. du 8039
Tokairin, Y. 7346
Tokarev, B. 8874
Tőkés, G. 2753
Tokita, H. 1670, 1717
Tolbert, N. E. 682, 9503
Toldi, O. 1892
Toledo, V. C. 8913
Toledo, V. C. de 8912
Toler, J. E. 1953, 3965, 3975, 8238
Tolessa, B. 3755
Tolkachev, N. Z. 361
Tollenaar, M. 5485, 7250, 7261
Tollo, B. 4560
Toloraya, T. R. 4603
Toma, M. 3594
Toma, O. K. 147
Tománková, E. 1881, 4157, 4162
Tomar, A. S. 1145
Tomar, H. P. S. 5941, 9383
Tomar, N. K. 8745-8746
Tomar, O. P. 6868
Tomar, R. K. S. 2632, 4884, 5189
Tomar, S. K. 7076
Tomar, S. R. S. 4321
Tomar, S. S. 1145, 4358, 8561
Tomar, V. S. 4358
Tomaro, M. L. 2613, 8287
Tomáš, J. 757
Tomasini, F. 1340
Tomati, U. 7273, 8914
Tombesi, A. 7805
Tomer, M. D. 5493
Tomer, S. 8562
Tomer, T. V. S. 8562
Tomimori, T. 5659
Tomimura, Y. 8583
Tomkins, J. P. 3130, 7417
Tomm, G. O. 3498
Tommasini, R. 1395, 2418
Tomos, A. D. 894, 6317, 7517
Tomos, D. 1409, 3773
Tompe, S. V. 8527
Tompkins, F. D. 6804
Tompkins, W. 5746, 5760
Tomsicek, D. J. 171
Tonapi, V. A. 9541
Tonchev, I. 1600
Tonev, T. 428, 4846, 5289
Tonev, T. K. 430, 8741
Toneva, V. T. 4394
Tong, C. B. S. 4963
Tong, H. 4292
Tong, P. Y. 6391
Tong, W. X. 8862
Tong, Y. N. 8910
Tong, Y. P. 3706
Tong Hua 4292
Tong PingYa 6391
Tong WeiXing 8862
Tong YaNan 8910
Tong YiPing 3706
Tongoona, P. 2143
Tonkinson, C. L. 7138
Tonneijck, A. E. G. 4100, 7520, 8367
Toor, R. F. van 492
Toor, S. P. 6344
Toor, S. S. 2659, 4350
Torbert, H. A. 905
Torelli, L. 3227
Torigoe, Y. 3007
Torikov, V. E. 2770
Torkko, S. 6152
Torné, J. M. 2947, 5480, 5488
Torquebiau, E. F. 2878
Torres, A. 4294, 7705
Torres, A. C. 3333
Torres, G. 2908
Torres, J. S. 6033
Torres, W. 300, 681
Torres A., J. S. 5163
Torresán, A. 1980
Torrigiani, P. 2028
Torsethaugen, G. 7763
Torshin, S. P. 3400, 4392, 7090
Torun, B. 2786, 6186, 6548, 8773
Torun, M. 8895, 9105
Toscano, N. C. 4256, 5054
Toscano, V. 1805, 1813, 2428
Tosheva, E. 3742
Tosserams, M. 4073, 4843
Totskiĭ, D. V. 2237
Touraev, A. 687
Touraine, B. 1301, 6892
Tourenne, D. 769
Tourn, M. C. 5619
Tournebize, R. 4742
Tourte, L. 5015
Tousch, D. 8673
Toutiaie, A. 7096
Townend, J. 6533
Townley-Smith, T. F. 116, 1477
Townsend, J. T. 2278
Toxopeus, H. 560
Toyoda, M. 3663, 7959-7960
Toyomasu, T. 5753
Toyosawa, I. 9143
Toyoshima, Y. 4512
Tozani, R. 8142
Tozzi, L. 78
Trabace, T. 5952
Trabucco, A. 6215
Tramontano, W. A. 4784
Tramper, M. 4485, 4926, 5192
Tran, T. S. 8900
Tran Dinh Long 4033
Tran Minh Nam 4033
Tran Thanh Van, K. 1035
Traore, S. B. 1036
Trápani, N. 3393
Trapeznikov, V. K. 73, 7085
Travasso, M. I. 1466, 4203
Travis, R. L. 140, 2862
Traxler, G. 593
Trebacz, K. 216
Trebuil, G. F. 1711
Trehan, S. P. 8459
Trelease, R. N. 2088, 5149, 6829
Tremblay, N. 8360
Tremblin, G. 5377, 7995
Trenca, I. 189
Trese, A. T. 386
Treto, E. 713, 4233
Tretyakov, N. N. 3672
Tret'yakova, O. I. 7244
Trevan, M. 7642
Trevathan, L. E. 5570
Trevisan, M. 8240
Trevissoi, E. 3440
Trewavas, A. 2808
Trewavas, A. J. 5152, 9526
Triana, R. 3801, 5478
Triantaphylides, C. 8014
Tribó, F. 5384, 6294-6295
Trifonova, M. F. 7244
Triggs, C. M. 5844
Trimming, B. A. 3187
Trimohan 3979
Trinchant, J. C. 3206
Trinidade, A. V. 960
Triomphe, B. 2054
Tripathi, A. K. 342
Tripathi, B. P. 6249, 7240, 7924
Tripathi, H. C. 9256
Tripathi, M. L. 6559, 7905
Tripathi, R. D. 8682
Tripathi, R. S. 341, 1686, 2011, 2379, 9104
Tripathi, R. Y. 2010, 5974
Tripathi, S. K. 9464
Tripathy, P. 5851
Tripathy, R. K. 7906
Tripathy, S. K. 1091, 1478, 1764, 4795, 4798, 6634, 8308-8309, 9180
Triplett, B. A. 5901, 6835, 9360
Triplett, G. B. 5020
Trippi, V. S. 7116
Trissl, H. W. 1103
Trivedi, J. K. 263
Trivelin, P. C. O. 2034, 2653, 8602
Troccoli, A. 6222, 7990
Trofimova, M. S. 4922, 9297
Trogrlić, V. 2895
Troitskiĭ, N. A. 150
Troitsky, N. A. 150
Trojanek, J. 7279
Trost, P. 2025, 6750
Trotman, A. A. 1245, 4210
Troufleau, D. 8498
Trucchi, P. 1070, 3142
Trujillo, E. 4228
Trujillo Uribe, M. P. 7154
Trumble, J. T. 432

Trunenkov, I. P. 2556
Trunova, T. I. 5352, 8798
Trunova, V. M. 1029
Truong Van Den 7653
Tsai, F. Y. 4715, 5544
Tsai, J. C. 3024
Tsai, S. L. 8389
Tsai, Y. F. 4081
Tsai, Y. Z. 3164
Tsai FeiYi 5544
Tsai JinChuan 3024
Tsai ShiowLong 8389
Tsai YangZenq 3164
Tsai YiFong 4081
Tsandur, M. 8736
Tsandur, N. A. 7057, 7208
Tsankova, G. 15, 152, 1580, 1591, 1604, 1620
Tsarenko, M. 7634
Tsarev, A. P. 1029
Tsaur, W. L. 8310
Tsaur WenLong 8310
Tsay, H. S. 6791
Tsay HsinSheng 6791
Tse, T. Y. 1116
Tseng, C. C. 2029
Tseng, H. K. 4430
Tseng, S. H. 2362, 6542
Tseng, T. H. 6430
Tseng ShengHsiung 2362, 6542
Tseng TungHai 6430
Tsepaeva, O. V. 5161
Tsimbal, A. S. 395
Tsimbalist, N. I. 8742
Tsiotis, G. 5200
Tsomokos, A. 7749
Tsonev, T. D. 2219
Tsuboki, Y. 1241
Tsuchiya, K. 3576
Tsuchiya, T. 2294-2296, 6446, 6458
Tsuda, M. 3871, 9557
Tsuji, H. 1745, 9054
Tsujibo, H. 1313
Tsukaguchi, T. 993, 8163
Tsukaya, H. 2644
Tsurikov, L. N. 6286
Tsurusaki, K. 5406
Tsurushiin, S. 7542
Tsutiya, K. 1718
Tsutsui, K. 1019
Tsutsumi, K. 7346
Tsutsumi, T. 561
Tsuyuzaki, H. 3009
Tsvetanov, S. 114-115
Tsvetanova, K. 428, 1652, 4846
Tsvetkova, N. A. 8742
Tsvilyniuk, O. 2252
Tsybul'ka, N. N. 2192, 2835, 8844-8845
Tsymbalist, N. I. 8742
Tu, S. I. 3801, 5467, 5478
Tu, Y. C. 7720
Tu, Y. F. 265
Tu, Z. P. 1698
Tu Shul 3801, 5478
Tu YiFang 265
Tu YunChang 7720
Tuberosa, R. 3670, 5474, 7977
Tucker, M. R. 8690
Tuckett, P. G. 6068
Tufail, M. 457
Tugnoli, V. 2491, 2493, 7604, 9288
Tugwell, N. P. 5909, 8490, 8497
Tuivavalagi, N. S. 8040
Tukendorf, A. 2244
Tukunga, T. M. 2273
Tuladhar, J. K. 7240
Tulasi, R. B. 7594
Tulmann Neto, A. 2049, 3462
Tumbare, A. D. 8279
Tumlinson, J. H. 1266, 5895
Tümmers, N. 5334
Tümsavaş, Z. 2894
Tunen, A. van 4170
Tung, G. 2951
Tung, M. S. 6485, 6487-6488
Tung, P. 7840
Tung MingSung 6485, 6487-6488
Tupper, G. R. 2576
Turano, F. J. 3125
Turbin, N. V. 328
Turc, O. 9193
Turdean, A. 719, 741, 9287
Turgeon, R. 2676
Turgut, İ. 3385
Turgut, K. 3386
Turi, M. di 95
Turiák, G. 1968
Turkhed, A. B. 3890
Turkhede, A. B. 6440
Turkington, T. K. 5961
Turley, D. B. 6162
Turley, R. B. 2586, 5901
Turnbull, C. G. N. 8405
Turner, D. W. 72
Turner, I. D. S. 1558
Turner, M. D. 5233
Turner, N. C. 93, 5206
Turner, O. J., IV 604, 5034
Turner, R. G. 3350
Turpin, D. H. 5254
Turska, E. 538
Turyanitsa, A. I. 91
Tuteja, S. S. 1686, 2011
Tutt, S. F. 1623
Tuttobene, R. 1513
Tuttolomondo, T. 6883
Tuugasala, S. 4229
Tuzun, S. 3179
Tveitnes, S. 21
Twomlow, S. J. 7251
Twyford, C. T. 1946
Tyagi, N. K. 8079
Tyagi, P. C. 8727
Tyagi, P. K. 9418
Tyagi, R. C. 8724
Tyagi, S. D. 1360
Tyerman, S. D. 363, 6232, 6270, 9208
Tykarska, T. 9409
Tyller, R. 3175
Tyltu, A. S. 4177
Tymińska-Zawora, K. 1799
Tys, J. 664, 4305, 4315, 4319-4320, 7716
Tyuryukanov, A. N. 3589
Tzen, J. T. C. 3859, 8576
Ubaitoi, I. 4234
Uchida, N. 994, 5546
Uchida, Y. 3464, 4355
Uchijima, Z. 304
Uchimiya, H. 2644
Uchimura, Y. 1077
Udaiveer Singh 1935
Udaiyan, K. 1726
Udaka, J. 1745
Udayakumar, M. 7449, 9385
Uddin, K. S. 340, 3026
Uddin, M. M. 6043
Udel'nova, T. M. 3400, 7090
Udo, E. J. 8043
Udovenko, G. V. 7086
Udvardi, M. K. 9540
Ueda, J. 746, 3687, 4850, 6692, 8664
Ueda, S. 4153
Ueda, T. 2644, 5986
Uehune, M. 5664
Uematsu, C. 944
Uemoto, S. 2294-2296
Ueno, O. 3923, 9341
Ueno, S. 5546
Uffelen, C. G. R. van 6784
Ugale, S. D. 5597-5598
Ugbaja, R. A. E. 636, 3378
Uğurluoğlu, H. 2980
Uguru, M. I. 5776
Ugwu, B. 5847
Uhart, S. 5202
Uheda, E. 9177
Uhlen, G. 1566
Uhm, T. Y. 2290, 4359
Uhm TaekYong 2290, 4359
Ujihara, K. 7929
UK, Agricultural Research Institute of Northern Ireland 3549
UK, Association of Applied Biologists 1441
UK, Institute of Arable Crops Research 9564
UK, Jersey Department of Agriculture and Fisheries 780, 1432
UK, John Innes Centre & Sainsbury Laboratory 9570
UK, Morley Research Centre 2120, 9566
UK, National Institute of Agricultural Botany 1433, 5708, 7045, 9088
UK, Natural Resources Institute 590, 2129
UK, Processors & Growers Research Organisation 3550
UK, Sutton Bridge Experimental Unit 7042
Uknalis, J. 3801, 5478
Ukrainetz, H. 24
Ułasik, S. 1533
Ulery, A. L. 9061
Ulloa, R. M. 4189, 5826
Ullrich, C. I. 925, 934
Ullrich, S. E. 1550, 8003-8004
Ulman, K. 4251
Uloro, Y. 9066
Ulrich, D. J. 8830
Ulrich, M. 4974
Ulvskov, P. 9408
Ul'yanenko, L. N. 6303
Uma, C. 632
Uma, K. 6445
Uma, M. S. 385, 5905
Umaharan, P. 4875
Umar, A. 3731
Umar, S. 8148, 8566, 9513
Umarani, R. 4785
Umarov, A. A. 4257
Umbach, A. L. 9129
Umbarkar, S. P. 716-717
Umebayashi, M. 5221
Umechuruba, C. I. 7599
Umekawa, H. 7766
Umeta, M. 3916
Umetsu, H. 7952
Umezu, K. 3497
Umoh, E. O. 5683
Umoren, U. E. 7536
Umrani, N. K. 5940
Ünay, A. 3347
Ungaro, M. R. G. 3388, 3390
Unger, P. W. 6
Unkovich, M. J. 4365, 6125
Unno, H. 3866
Unruh, B. L. 6807
Unterholzner, G. 5724
Upadhya, M. D. 536, 1902, 9312
Upadhyay, M. D. 9300
Upadhyay, P. N. 1355, 8126
Upadhyay, R. G. 3416
Upadhyay, V. B. 7904
Upadhyaya, A. 3125
Upasena, S. H. 2055, 8131
Upchurch, D. R. 620, 5030
Upchurch, R. G. 6142
Uppar, D. S. 5943-5944
Uprety, D. C. 4866
Urano, J. I. 5537
Urban, M. 1490, 1560
Urbańska, A. 7939
Urchei, M. A. 4573
Uren, N. C. 929
Uresti, J. 6557
Uresti Gil, J. 4587
Uribe, L. 1825
Urquiaga, S. 1143, 9030
Urra, C. 6066
Urriza, G. I. P. 2443
Ursal, G. R. 373
Urwin, C. P. 4084
USA, American Society for Horticultural Science 2124, 2729
USA, American Society of Plant Physiologists 1444, 8702
USA, Arkansas Agricultural Statistics Service 3545
USA, College of Agriculture and Life Sciences, North Carolina State University 2727
USA, INTSORMIL 2723
USA, Louisiana Agricultural Experiment Station 9569
USA, North Central Weed Science Society 7886
USA, Plant Growth Regulation Society of America 787
USA, University of Georgia, College of Agricultural and Environmental Sciences 2728
Usha, R. 4873
Ushakova, S. A. 6871
Usher, T. 5746
Ushie, F. 8180
Ushimaru, T. 5537, 9054
Ushiro, T. 5705
Uslu, N. 9157
Ustjak, S. 2058
Ustyak, S. 7861
Ustyak, S. A. 22
Ustyugov, V. M. 721
Usuda, H. 429, 1132
Usui, K. 288, 7341, 9007
Uthayakumar, B. 3075
Utomo, H. S. 7337
Utomo, I. H. 347
Utomo, M. 3934
Utomo, W. H. 2446, 2479, 4141
Utsumi, Y. 2608
Uttam, S. K. 802, 809, 2010, 2015, 2072, 2136, 2142, 5575, 5974, 7299
Uvarov, G. I. 7215
Užík, M. 6277
Uzunova, A. N. 1568
Vach, M. 2113
Vadez, V. 1813, 2438, 4848
Vadovičová, E. 910
Vagliasindi, C. 1513
Vagrintseva, V. N. 5296
Vaidya, M. S. 6075
Vail, S. S. 3368, 5883
Vainjärv, T. 6015
Vainshtein, B. K. 1865
Vaintraub, I. 6689
Vaintraub, I. A. 8791
Vairavan, K. 4801, 7598, 7794, 8226
Vairavan, S. 988
Vaishnav, M. R. 8306
Vaishnav, P. P. 2017
Vaishnav, P. R. 8306
Vaithilingam, R. 1149, 1162, 3958
Vajranabhaiah, S. N. 7449, 8540
Vakhmistrov, D. B. 6373
Vakhnenko, V. V. 2338
Vakkilainen, P. 2358
Vaksmann, M. 1036
Vakulenko, V. V. 721, 6303
Valadier, M. H. 6241, 9436
Valantin, M. 411
Valcke, R. 59, 5354, 7978, 8775
Valco, T. D. 5045
Valdés, M. 957
Valdés-Rodríguez, S. 2439
Vale, L. S. R. 8356
Valencia-Turcotte, L. 8068
Valente, P. 1786
Valenti, V. 3442
Valentine, J. 107
Valenzuela S., A. 6679
Valery, P. 844
Válio, I. F. M. 1872, 3266
Valkonen, J. P. T. 1236
Valladares, J. 2655
Valle, M. R. 8602
Valle, R. del, Jr. 5008
Valli, F. 9288
Vallini, G. 1203
Vallis, I. 1354
Valoti, P. 5441
Valovikov, A. P. 2490
Vamerali, T. 1282
Van Aelst, A. C. 8549
Van Antwerpen, R. 7784
Van Bel, A. J. E. 731, 5737

Van Bemmelenhoeve, J. M. 4949
Van Berkel, Y. 6118
Van Berkum, P. 8323
Van Bezooijen, J. 2884
Van Boxel, J. H. 230
Van Caeseele, L. 3408
Van Dam, J. 2550
Van Damme, E. J. M. 750
Van Damme, P. 3268
Van de Geijn, S. C. 2702, 5247
Van de Staaij, J. 3525
Van de Venter, H. A. 822, 5453
Van den Berg, W. 167, 5182
Van den Boogaard, R. 13, 1525, 2812, 3636, 3665
Van den Broek, B. J. 4976, 4984, 4990, 5252
Van den Bulcke, M. 7755
Van der Burg, W. J. 1440
Van der Burgt, M. H. J. H. 6541
Van der Ham, M. 6541
Van der Heijdt, L. M. 2381
Van der Hoeven, P. C. J. 1538
Van der Linden, J. P. 1876, 2483, 7609
Van der Meer, F. B. W. 6327
Van der Meulen, R. M. 144, 889
Van der Plas, L. H. W. 7638, 7726
Van der Schoot, C. 2536
Van der Weele, C. 415
Van der Weele, C. M. 2937, 5469
Van der Wel, N. N. 961
Van der Werf, A. 7821
Van der Werf, H. M. G. 5912
Van der Westhuizen, A. J. 2149
Van der Zaag, P. 497
Van der Zijp, M. 167
Van Diepen, C. A. 4973
Van Dijk, C. J. 4100, 7520, 8367
Van Dijk, W. 911, 2884, 4580, 4589, 6349, 8896, 8909
Van Doorn, W. G. 7842
Van Du, L. 4703
Van Duijn, B. 876
Van Duijn, G. 885
Van Duran, M. 3917
Van Erp, P. J. 1227
Van Gastel, A. J. G. 1440
Van Gestelen, P. 1138
Van Haren, R. J. F. 542
Van Hasselt, P. R. 81, 3196, 6272
Van Heerden, J. M. 865
Van Holm, L. 4683
Van Hove, C. 5179, 5250
Van Huizen, R. 1792
Van Ittersum, M. K. 9553
Van Kammen, A. 479
Van Kessel, C. 7898, 7919, 8410
Van Keulen, H. 2107, 3736, 4437, 5252
Van Kraalingen, D. W. G. 5208
Van Laar, H. H. 2107
Van Lammeren, A. A. M. 936, 9215
Van Leeuwen, H. 792
Van Loon, C. D. 1210, 4956
Van Loven, K. 59, 8775
Van Lune, P. 8642
Van Montagu, M. 5754, 6001, 7755, 7757
Van Mulligen, E. J. 167
Van Niejenhuis, J. H. 1879, 3272
Van Noordwijk, M. 2702, 5209
Van Noort, S. J. T. 961
Van Oijen, M. 542, 2535
Van Onckelen, H. A. 562, 936, 9408
Van Oostveen, W. J. F. 936
Van Raij, B. 1616, 3948
Van Ranst, E. 6408
Van Rees, K. C. J. 58, 7123
Van Rensburg, L. 5154
Van Rensen, J. J. S. 6367
Van Reuler, H. 8986, 8992-8993
Van Sanford, D. A. 51, 7943
Van Saun, W. A. 1623
Van Sint Jan, V. 4706
Van Staden, J. 6598
Van Staveren, M. J. 2646
Van Swaaij, A. C. 4580
Van Tassell, L. W. 1196
Van Toor, R. F. 492
Van Tunen, A. 4170
Van Uffelen, C. G. R. 6784
Van Volkenburgh, E. 5145, 5710, 6640
Van Voorthuysen, T. 1787
Van Vuuren, M. M. I. 4537, 7148
Van Went, J. L. 8549
Váňa, J. 2058
Vance, C. P. 1084, 1862-1863, 5957
Vanden Born, W. H. 9405
Vandenbussche, B. 5816
Vandendriessche, H. 1377
VandenHeuvel, W. J. A. 7025
Vandergeten, J. P. 4913
Vanderleyden, J. 5805
Vanderlip, R. L. 1037, 3053, 5590-5593, 6520, 8955
Vanderpool, R. A. 7586
Vaněk, V. 2071, 2137, 3738, 8637
Vangronsveld, J. 2243
Vani, B. 2321
Vankova-Radeva, R. V. 5352
Vanlandingham, K. S. 37
Vanlauwe, B. 155
Vanlerberghe, A. E. 5139
Vanlerberghe, G. C. 5139, 9519
Vanmechelen, L. 6408
Vanoost, N. 4815
Váňová, M. 3919
Vanselow, R. 2924
Vanyushin, B. F. 71
Varakina, N. 5457
Varakina, N. N. 5464
Varanini, Z. 6890, 8842
Varaprasad, P. V. 7421
Varco, J. 5887
Varco, J. J. 5885
Vardaka, E. 6239
Varela, M. 4196
Varela, R. M. 4294, 7705
Varga, J. 2801
Vargas, A. A. T. 5631
Vargas, H. 8094
Vargas, J. E. 2908
Vargas, L. 9116
Vargas, R. 3359, 5039, 6811
Vargas, R. N. 5038
Vargas López, J. L. 6525
Vargas-Suárez, M. 947
Vargas-Vazquez, P. 3209
Varghese, T. M. 3258, 9201, 9259
Varier, A. 4791
Varin, L. 8547
Varis, E. 1208
Varma, S. C. 450, 7568
Varma, S. K. 4755
Varma, S. P. 5861
Varshavski, S. 4971
Varshney, J. G. 6635
Varshney, V. 6258
Varshneya, M. C. 311, 5328, 5573, 5576, 5582, 5588-5589, 5594, 5934-5935, 6083, 7907, 9072
Vartanian, N. 6898
Vartapetian, B. B. 4429
Varughese, K. 7209
Varvel, G. E. 1658, 6347
Vašák, J. 8630
Vasara, T. 1236
Vaschina, B. 3042
Vasconcelos, C. A. 924
Vasconcelos, E. 8757
Vashegyi, Á. 3843, 6236
Vashi, B. G. 4361
Vasil, I. K. 3927
Vasilenko, G. V. 3637
Vasil'ev, A. N. 7632, 8853
Vasiljev, A. N. 7632
Vas'kovskiĭ, M. D. 3667
Vaskovskiĭ, V. E. 5804
Vasquez, L. 7292
Vásquez, M. 4649
Vass, I. 1385
Vassilev, A. 8875
Vassileva, R. A. 2647
Vassileva, V. 5758
Vasudevan, S. N. 9385
Vattem Ravindra 8318
Vauclare, P. 4822
Vaughan, T. B. 546
Vaughn, K. C. 5340
Vaux, D. 4056
Vázquez, F. J. 391
Vázquez Cobo, A. 6919
Vázquez-Ramos, J. M. 2246, 6380
Vecchia, F. dalla 882
Vecchio, A. J. del 5340
Vecchio, V. 4750, 4930
Ved Singh 1375, 6866
Vedove, G. delle 4585
Vedrina-Dragojević, I. 7433
Veen, B. W. 2529, 2535
Veena Jain 1150
Veena Sawhney 7131, 9425
Veerabadhiran, P. 1161, 3959
Veerabadran, P. 8191
Veerabadran, V. 987, 6421, 8130
Veeranagouda Patil 7449
Veeranna, V. S. 595
Veerannah, L. 2388
Veeraraghavaiah, R. 6674
Veerman, A. 1210, 4956
Végh, K. R. 7983
Veilleux, R. E. 1930
Veisz, O. 852, 2178, 2826, 3670, 7146
Vejpas, C. 5180
Vela, J. W. 4649
Vela Alvarado, J. W. 2284
Velasco, L. 5988
Velayudham, K. 3830, 8130
Velazco, A. 307
Veldink, G. A. 2381
Velini, E. D. 7318
Velmurugu Ravindran 586
Velu, G. 990
Vencill, W. K. 3353
Vender, C. 1279, 1961, 1975
Venegas R., F. 6679
Veneklaas, E. J. 13, 1525, 2812, 3636
Venette, J. R. 6684
Veninga, G. 4580, 4589
Venis, M. A. 938, 7290, 8065
Venkatachalam, P. 4037, 4039
Venkatachalam, R. 3061
Venkatakrishnan, A. S. 2602, 5227
Venkataraman, N. S. 7335
Venkatesh, H. 448, 8076
Venkatesham, G. 2008, 9414
Venkitaswamy, R. 6624, 6805, 6966, 7657, 7661
Venkitusamy, R. 8312
Venter, H. A. van de 822, 5453
Venturi, G. 1282, 2492, 3963
Venugopal, M. S. 2311
Verbeek, B. 1488
Verbelen, J. P. 1339
Verburg, K. 6036, 9448
Vercambre, G. 4742
Vercesi, A. E. 5825
Vercher, Y. 1307
Verderio, A. 3753, 5441
Verdus, M. C. 5077
Vereecke, D. 6001
Vereerstraeten, R. 4907
Vereijken, P. H. 6760
Veremeychik, L. A. 8016
Vergara, B. S. 293, 5535, 5565
Vergara, M. 4754
Verhagen, A. 575
Verhagen, J. 6784
Verheul, M. J. 2265
Verhoeven, A. S. 1286
Verlin, D. 3921
Verloo, M. 6406
Verma, A. K. 4491, 7581
Verma, A. R. 6568, 7020
Verma, B. C. 8447
Verma, B. L. 1375, 6720
Verma, B. S. 2869, 6087, 7797
Verma, D. K. 6453
Verma, G. D. 5979
Verma, G. P. 3492
Verma, H. D. 1347-1348, 1356, 2041, 6037
Verma, H. R. 1147
Verma, K. D. 534
Verma, K. K. 6727, 8411
Verma, K. S. 6039, 6443, 9458
Verma, M. 5361
Verma, M. L. 2405, 6264
Verma, M. M. 263, 1828, 1844
Verma, M. R. 4344
Verma, O. P. 5117, 6077, 6914, 6928
Verma, O. P. S. 1039, 5187
Verma, P. S. 2658, 3453, 6051
Verma, R. B. 494, 1901
Verma, R. N. 8245
Verma, R. S. 9079
Verma, T. S. 3485, 5300, 5817, 6908
Verma, U. N. 2671, 4476, 7083, 7799
Verma, V. K. 7933
Verma, V. S. 9313
Verman, L. N. 1083
Vermehren, A. 6017
Vermehren, B. 8833
Vernon, G. 3053
Véronési, C. 7761
Verstraete, W. 191
Vertucci-Walters, C. W. 349
Verzea, M. 7970
Vescovi, F. D. 8018
Veselov, S. U. 5354, 7978
Vesk, M. 4340
Vesk, P. A. 4340
Veski, P. 1968
Vettraino, A. M. 5190
Vianello, A. 4048, 4291, 6589
Vicente, C. 350
Vicente, O. 687
Vicentini, F. 3709
Victor, U. S. 1973
Victoria, R. L. 1467, 2034, 2653
Victoria Filho, R. 7783
Vida, G. 3929
Vidal, A. 8498
Vidal, D. 352, 1125
Vidal, J. 839, 1035, 2917, 6526
Vidal, R. 352
Vidal, R. A. 7427
Vidal-Madjar, D. 7031
Vidal-Valverde, C. 460, 4142
Videla, C. C. 1466
Vidergar, N. 2030
Vidić, M. 3116
Vidovič, J. 8957
Vidrine, P. R. 7419
Vidya Chaudhari 371
Vidyavardhini, B. 9169
Viégas, J. 2216
Vieira, C. 8354-8355
Vieira, I. M. S. 4351, 5170-5171
Vieira, M. do C. 5856, 6798, 6802, 9345-9346
Vieira, R. 5865
Vieira, R. D. 3998, 5703, 6176, 8369
Vieira, R. M. 5864
Vieira de Moraes, J. A. P. 4087
Viera, J. 5796-5797
Vierling, R. A. 3123
Vierstra, R. D. 334, 7827
Vijay Kumar 3337, 9458
Vijayakumar, G. 1161
Vijayakumar, S. 8419
Vijayakumari, K. 4145
Vijayalalitha, S. J. 7535
Vijayarengan, P. 9244

Viji, M. M. 5555, 8164
Viklický, V. 6009
Viksø-Nielsen, A. 4188
Vila, L. M. T. 7108
Vila, M. 3155
Vilariño, P. 4130
Vil'dflush, I. R. 7631
Vildoso, C. I. A. 960
Vilela, L. 3088
Vilensky, E. R. 110
Villa Nova, N. A. 6775-6776
Villalobos, F. J. 7664
Villalobos, N. 3256-3257
Villar, A. del 4874
Villar, M. C. 391
Villasana, R. 3681
Villaume, C. 4000
Villegas, F. 6033
Villegas T., F. 5163
Villela, O. V. 6450
Vimala, B. 5012
Vinay Sharma 4805
Vinay Singh 60, 436, 3318, 7415, 8440
Vincenc, J. 5214
Vincitorio, O. 6213
Vincken, J. P. 7014
Vinocur, M. G. 5702
Vinod Kumar 4891, 5119-5120, 5769, 7740, 8924
Vinod Sharma 803, 4474, 8726
Violini, G. 3224, 3227
Viotti, A. 6379
Viraj Beri 4814
Virender Kumar 470, 4746
Vireshwar Singh 7911
Virgin, H. I. 2834
Virmani, S. M. 2127
Virtanen, A. 1744
Virupakshappa, K. 9385
Visarada, K. B. R. S. 3044
Vishnoi, R. K. 3065
Vishnyakova, O. V. 7633
Vishwanath, D. P. 323, 2442
Vislobokova, L. N. 6194
Visperas, R. M. 240, 254, 5565
Visser, A. J. 4073, 4843
Visser, E. J. W. 7307
Visser, K. 2220
Visser, R. G. F. 1788, 7638
Vissers, A. P. A. 2220
Viswanath, D. P. 385
Vitale, A. 8362
Vitha, S. 7293
Vitkare, D. G. 7094
Vítková, H. 5411
Vitorello, V. A. 3436, 5151
Vitta, J. I. 830
Vitti, P. 5308
Vittsenko, V. P. 3747
Vivar, H. 3702
Vivek 2667
Vivekanandan, M. 469, 5579, 6124, 7601
Vizárová, G. 1567
Vizgarra, O. N. 1809, 8357
Vizgirda, M. 6746
Vizzotto, V. J. 519, 3314
Vladeva, I. 5337
Vladu, P. 4009
Vlasák, J. 562
Vlasák, M. 1740
Vlassak, K. M. 5805
Vlek, P. L. G. 2242
Vliegenthart, J. F. G. 2381
Vnuk, L'. 2763
Vo Dinh Quang 8121
Voblikova, V. D. 8667
Voblov, A. P. 2490
Vocasek, F. 177
Voesenek, L. A. C. J. 7307
Vögeli-Lange, R. 2425
Vogelmann, T. C. 222, 1414
Vogt, E. 2223
Vogt, T. 3713
Voican, A. V. 1797, 7499
Voican, V. 1797
Voigt, K. 8806
Voinikov, V. 5457
Voinikov, V. K. 1541, 5464
Voĭnov, O. A. 7137
Voĭnova, O. I. 7137
Voitsekhovskaya, O. V. 6992
Vokál, B. 2504, 4940
Voldeng, H. D. 3097-3098, 3100-3102, 9113-9114, 9137, 9139
Volk, R. J. 8922
Volkenburgh, E. van 5145, 5710, 6640
Volkmann, D. 2079, 2938, 9262
Volkmar, K. M. 4517, 7145
Volkov, V. S. 9361
Volkova, E. K. 6871
Voll, M. 8323
Vollmann, J. 6595
Vollmannová, A. 757
Vol'nova, T. L. 8798
Volosevich, L. I. 8845
Volotovski, I. D. 1537
Volovik, O. I. 1636
Volpe, A. 6158
Volpe, C. A. 6388
Volpe, N. 7928
Volpin, H. 7523
Voltas, J. 8010
Volterrani, M. 4921
Voltz, M. 9546
Volynchuk, A. K. 113
Volynkin, V. I. 8743
Volynkina, O. V. 2134, 8743
Von Alten, H. 4266
Von Berswordt-Wallrabe, P. 9234
Von Buttlar, H. B. 7687
Von Keller, A. 9393
Von Weymarn, L. 6332
Von Wirén, N. 2241
Vona, V. 879
Voorhees, W. B. 906
Voorthuysen, T. van 1787
Voragen, A. G. J. 1795, 7014, 9224
Vories, E. D. 1665, 1668, 4761
Vorobeĭkov, G. A. 9363
Vorob'ev, N. V. 2979, 3021
Voronetskaya, V. V. 6318
Voroney, R. P. 8352
Vorontsov, V. A. 6373
Voropaeva, N. L. 617
Vorster, D. J. 6055
Vos, J. 2673, 4970, 5252
Voss, M. C. 1878
Vouillot, M. O. 2152
Vouzounis, N. A. 526
Vovchuk, S. V. 80
Vragolović, A. 2902
Vranac, S. 9325
Vrânceanu, A. V. 4297
Vrat, D. 1474
Vratarić, M. 9117
Vredenberg, W. J. 1787
Vreugdenhil, D. 7638
Vries, G. J. H. de 6759
Vrindts, E. 3530
Vrkoč, F. 2113
Vu, J. C. V. 3883, 4728
Vu Tuyen Hoang 4033
Vujošević, Z. 3283, 3291-3292
Vukobratović, Ž. 2761
Vulcan, R. 1, 189
Vulsteke, G. 3173, 4815
Vuorisalo, T. 3516
Vutkova, S. 152, 1580, 1604
Vuuren, M. M. I. van 4537, 7148
Vyakaranahal, B. S. 5615
Vyas, A. K. 676, 4877
Vyas, B. N. 6980
Vyas, J. S. 4143
Vyas, S. P. 7593, 9270
Vyn, T. J. 8027
Vyskrebentseva, E. I. 6665, 8798
V'yugin, S. M. 7390
Wada, H. 7485
Wada, K. 3881-3882
Wada, M. 5301
Wada, T. 220, 4113, 5766
Wadas, W. 4951
Wade, A. P. 6161
Wafula, B. M. 1579
Wagger, M. G. 1664, 2886
Waghmare, H. U. 4282
Wagle, S. M. 5521
Wagner, E. 1565, 3126, 6003
Wagner, G. 6242
Wagner, M. 5958
Wagner, S. W. 7865
Wägner, W. 2666
Wagner-Riddle, C. 7409
Waguespack, H., Jr. 695
Wahab, A. M. A. 3082, 4899
Wahab, K. 644, 6421
Wahab, S. 6899
Wahid, A. 7790
Wahid, P. A. 9015
Wahida Sultana 2131
Wainiqolo, J. L. 4207
Wakabayashi, K. 3791, 3838, 5350-5351, 8801, 8817
Wakamatsu, M. 1716, 2970
Wakamiya, H. 2982
Wakasugi, T. 1333
Wake, H. 7952
Wakeel, S. A. M. A. 2267
Walbot, V. 4639, 7527
Walczak, R. T. 7152
Wald, F. A. 6382
Waldburger, M. 5421
Walden, R. 6117, 8654
Waldhart, R. 2620
Waldron, K. 1816
Waldron, K. W. 2803
Waldrop, M. P. 9357
Waleriańczyk, E. 6751, 6753
Wali, P. 9422
Walia, N. 1752
Walia, S. S. 3617, 8718
Walker, C. J. 4818
Walker, J. C. 3796
Walker, J. T. 5035
Walker, K. C. 5916, 6080
Walker, N. A. 223, 836, 3921, 9208
Walker, P. A. 2705
Walker, P. W. 2044
Walker, R. H. 7662, 9497
Walker, R. P. 1303
Walker, S. 2751
Walker-Simmons, M. K. 2166, 3638, 6394, 7124, 7963
Wall, D. A. 765, 2465
Wall, G. W. 87-88, 855, 2788
Wallace, B. W. 5882
Wallace, P. A. 120, 1558
Wallace, R. W. 528, 8327
Wallace, T. P. 5048
Wallender, W. W. 1806, 7515
Waller, G. R. 6709
Walley, F. L. 6276, 8410
Walliander, P. 3293
Wallin, G. 148, 1119
Wallnöfer, P. R. 4396
Walsh, J. 2559
Walsh, K. 6744
Walsh, K. B. 6054, 9158
Walter, C. 2817
Walters, C. 7124, 7514
Walters, D. T. 6079
Walters, E. W. 8057
Walters-Vertucci, C. 931, 1399
Walther, A. 3781, 5471
Walther, U. 551, 5421, 7056
Walton, R. B. 1476
Wan, Y. 3132
Wan, Y. S. 384, 4809, 6632
Wan, Z. L. 4788-4790
Wan Ying 3132
Wan YongShan 384, 4809, 6632
Wan ZhaoLiang 4788-4790
Wanchai De-Eknamkul 1762
Wander, J. G. N. 5192
Wandre, S. S. 1352, 2656, 4347, 6040, 6944
Wang, A. G. 8378
Wang, B. 7351
Wang, B. J. 6491
Wang, B. K. 1553
Wang, B. L. 3632, 5752
Wang, B. S. 577, 6404
Wang, C. 6320, 8093
Wang, C. D. 1707
Wang, C. F. 3858
Wang, C. L. 804, 7360
Wang, C. T. 3377, 6341, 8507
Wang, C. W. 6364
Wang, C. Y. 2933, 3664
Wang, D. 5968
Wang, D. L. 5638
Wang, D. Q. 9138
Wang, D. S. 2551, 2748
Wang, D. X. 5640
Wang, E. Y. 6417
Wang, F. P. 8173
Wang, F. R. 8135
Wang, F. T. 2760
Wang, F. Y. 6483
Wang, G. C. 4718, 6426
Wang, G. J. 1256, 5486
Wang, G. L. 6437
Wang, G. X. 243
Wang, H. 1265, 4530, 9376
Wang, H. B. 7971
Wang, H. C. 3664
Wang, H. F. 2168
Wang, H. N. 5968
Wang, H. X. 7450
Wang, H. Y. 6506, 7922
Wang, H. Z. 2132, 4592
Wang, J. 2794, 4248
Wang, J. G. 9110
Wang, J. H. 209, 229, 893, 2927
Wang, J. L. 3091, 3119, 3133, 4005, 4007, 4272, 9138
Wang, J. Y. 3815, 5613, 6437, 7308, 7966
Wang, J. Z. 6348
Wang, K. J. 6369
Wang, K. R. 627
Wang, L. 6447, 8332
Wang, L. H. 5063-5064
Wang, L. K. 41
Wang, L. P. 8463
Wang, M. 144, 876, 889, 2220, 5409, 8263
Wang, M. G. 7854
Wang, M. J. 1078, 5874
Wang, M. Y. 6389, 8822, 8929
Wang, P. H. 2816, 3632
Wang, P. Z. 2417
Wang, Q. B. 384
Wang, Q. J. 7922
Wang, Q. L. 6842
Wang, Q. Q. 6437
Wang, Q. R. 8543
Wang, Q. X. 2929
Wang, Q. Y. 4622, 6369, 6398
Wang, R. C. 2307
Wang, R. F. 2396, 3961
Wang, R. Z. 8478
Wang, S. 2789, 2927, 2935, 4527, 6393
Wang, S. B. 2750
Wang, S. G. 4652
Wang, S. H. 4066
Wang, S. J. 3702, 7308
Wang, S. L. 3850
Wang, S. M. 5639
Wang, S. P. 6181
Wang, S. Q. 5670
Wang, S. S. 6274
Wang, S. X. 601, 1722, 8213
Wang, S. Y. 5666
Wang, S. Z. 55, 2748, 2805, 8808
Wang, T. 7941
Wang, T. D. 4403
Wang, W. C. 9134
Wang, W. J. 7920
Wang, W. M. 7039
Wang, W. S. 5836
Wang, W. Y. 2772
Wang, X. 618, 808, 9034
Wang, X. B. 5634
Wang, X. C. 805, 2889, 6384, 9211-9212
Wang, X. D. 2760
Wang, X. F. 7288
Wang, X. G. 270, 2964
Wang, X. H. 1814
Wang, X. J. 1675, 8077, 8783

Wang, X. K. 7438
Wang, X. L. 2186, 3676, 4633, 5072
Wang, X. M. 1273, 3122, 3776, 6168
Wang, X. Q. 5287
Wang, X. R. 3505
Wang, X. W. 2412
Wang, X. X. 9434
Wang, X. Y. 8319
Wang, Y. 4041, 4806, 6129, 7098, 8265
Wang, Y. D. 1687, 2983, 8998
Wang, Y. F. 1889, 3439, 5992, 7854, 8538
Wang, Y. H. 5063
Wang, Y. J. 151, 6417, 8964, 9373
Wang, Y. L. 235, 5520
Wang, Y. P. 5109, 9412
Wang, Y. Q. 1302, 7922
Wang, Y. R. 3874, 4710, 6472, 8167
Wang, Y. T. 7438, 7443
Wang, Y. Y. 1306, 6513
Wang, Y. Z. 6494
Wang, Z. 2868, 8012
Wang, Z. B. 5635
Wang, Z. F. 6853
Wang, Z. H. 9438
Wang, Z. J. 4503
Wang, Z. K. 9434
Wang, Z. L. 2748, 4501, 4626, 4664, 5276, 6235
Wang, Z. M. 2789, 4527, 6393
Wang, Z. Q. 250, 2316, 2988, 3085, 3860, 4776, 6470
Wang, Z. X. 3792, 3876, 4626, 4730
Wang, Z. Y. 3406, 3632, 3702, 4751
Wang AiGuo 8378
Wang BaoLi 3632
Wang BaoShan 6404
Wang BingKui 1553
Wang BingLiang 5752
Wang BiSheng 577
Wang BuJun 6491
Wang CaiLian 7360
Wang ChangDa 1707
Wang ChangFa 3858
Wang ChangWu 6364
Wang ChengLian 804
Wang ChenYang 3664
Wang ChingYuh 2933
Wang ChinTang 6341
Wang ChunTai 8507
Wang ChunTao 3377
Wang DaQiu 9138
Wang DeLiang 5638
Wang DenShi 2551
Wang DeShui 2748
Wang DeXu 5640
Wang Di 5968
Wang EnYin 6417
Wang FangTao 2760
Wang FengPing 8173
Wang FuYu 6483
Wang GonJin 1256
Wang GuangJie 5486
Wang GuiXue 243
Wang GuoChang 4718, 6426
Wang GuoLiang 6437
Wang HaiBo 7971
Wang HanNing 5968
Wang Hao 9376
Wang HengYu 7922
Wang HeZhou 2132, 4592
Wang Hong 1265
Wang HongXin 7450
Wang HuaCen 3664
Wang HuaFang 2168
Wang HuaiYi 6506
Wang Huan 4530
Wang Jian 2794
Wang JianHua 209
Wang JiaYu 6437
Wang JiAyu 7308
Wang JiHua 2927
Wang Jing 4248
Wang JingHua 229
Wang JingLing 3091
Wang JinGuan 9110
Wang JingYing 3815, 5613
Wang JinLian 4272
Wang JinLing 3119, 3133, 4005, 4007, 9138
Wang JunHui 893
Wang JunYing 7966
Wang JunZhong 6348
Wang KeRong 627
Wang KongJun 6369
Wang Lei 6447
Wang LianPing 8463
Wang LinKun 41
Wang LongHua 5063-5064
Wang MaoJian 5874
Wang Mei 144, 876, 2220
Wang MeiYun 6389, 8822, 8929
Wang Min 8263
Wang MinJian 1078
Wang PeiHong 2816, 3632
Wang PeiZhi 2417
Wang QiBo 384
Wang QingLian 6842
Wang QingRen 8543
Wang QingXiang 2929
Wang QuiJie 7922
Wang QuiQuan 6437
Wang QunYing 4622, 6369, 6398
Wang RongChen 2307
Wang RuiZhen 8478
Wang SanGen 4652
Wang ShaoZhong 55, 2805, 8808
Wang ShengBin 2750
Wang ShengJia 7308
Wang ShiXin 601, 8213
Wang ShouXiang 1722
Wang Shuan 2789, 2927, 2935, 4527, 6393
Wang ShuJun 3702
Wang ShuMing 5639
Wang ShuPing 6181
Wang ShuQi 5670
Wang ShuSen 6274
Wang ShuZi 2748
Wang SongLiang 3850
Wang SuYun 5666
Wang Tao 7941
Wang TianDuo 4403
Wang WanYi 2772
Wang WeiChang 9134
Wang WeiJin 7920
Wang WeiMing 7039
Wang WenShan 5836
Wang Xi 808, 9034
Wang Xiang 618
Wang XiangGen 270, 2964
Wang XiangKun 7438
Wang XiaoBo 5634
Wang XiaoHong 1814
Wang XiaoJing 8077
Wang XiaoYun 8319
Wang XiJian 1675
Wang XingRen 3505
Wang XingWu 2412
Wang XiuDe 2760
Wang XiuFen 7288
Wang XiuLan 4633
Wang XiuLing 5072
Wang XueChen 805, 2889, 6384, 9211-9212
Wang XueMin 1273, 3122
Wang XuMing 3776, 6168
Wang XunLing 2186, 3676
Wang XuXin 9434
Wang Yan 4041
Wang YanFei 8538
Wang YanTong 7438, 7443
Wang YanYi 6513
Wang YaoFu 3439, 5992
Wang Ying 4806, 8265
Wang YingDian 1687
Wang Yingdian 2983
Wang YingDian 8998
Wang YingJiao 9373
Wang YiRou 3874, 4710, 8167
Wang Yong 6129
Wang YongQi 7922
Wang YongRui 6472
Wang YongZhao 6494
Wang YouPing 5109, 9412
Wang YueFeng 1889
Wang YueJun 6417, 8964
Wang YuHua 5063
Wang YuJie 151
Wang YuLan 235
Wang YuLong 5520
Wang YuQin 1302
Wang YuYe 1306
Wang ZhengFang 6853
Wang ZhenKun 9434
Wang ZhenLin 4501, 5276, 6235
Wang ZhenYi 3632
Wang ZhenYu 3406
Wang ZhiMin 2789, 4527, 6393
Wang ZhiQin 250, 2316, 2988, 3860, 6470
Wang ZhiXia 3792, 3876, 4626, 4730
Wang ZhiYa 4751
Wang ZhiYuan 3702
Wang Zhong 2868, 8012
Wang ZhuanHua 9438
Wang ZiJian 4503
Wang ZiLi 2748, 4664
Wang ZiQiang 3085, 4776
Wang ZongBiao 5635
Wang ZongLi 4626
Wange, S. S. 407, 7522, 8394, 8396
Wani, A. G. 5597
Wani, S. P. 8211
Waniorek, W. 1491, 2850
Waniska, R. D. 3902
Wanjari, K. B. 5779
Wanjari, S. S. 3032, 3893-3894, 3899, 4143, 4366, 9062
Wanjura, D. F. 5030
Wankhade, S. G. 4143
Wanner, G. 1564
Wansink, A. G. 167
Ward, J. M. 4068
Ward, J. N. 5051
Ward, J. T. 1421
Ward, K. 7840
Ward, R. G. 6824
Warda, Z. 3688, 3693, 6780
Wardas, W. 6011
Wardlaw, I. F. 1526
Warkentin, T. D. 1796
Warn, R. M. 4059
Warneck, H. M. 3188
Warnes, D. D. 8890
Warnes, D. O. 5310
Warpeha, K. M. F. 946
Warren, D. M. 1725
Warren, J. J. 2898
Warrenfeltz, D. 6653
Warrick, R. A. 776
Warrilow, A. G. S. 63
Wartelle, L. H. 6841, 6843
Wasano, K. 3464, 4355
Waseem-ul-Hassan, S. 3606
Wasiak, K. 5159
Wasilewska, B. 2560
Waśkiewicz, L. 2642
Waskom, R. M. 2232
Wasnik, K. G. 9254
Wasserman, B. P. 1643
Wassif, M. M. 3605
Waszkiewicz, C. 9090
Watanabe, A. 429, 1821, 4288, 5750, 9231
Watanabe, H. 7333, 7349, 9032
Watanabe, I. 1017, 2665, 3103-3104
Watanabe, K. 2170, 2867, 5550
Watanabe, M. 1709, 1709, 8967, 9229
Watanabe, S. 2996
Watanabe, T. 2314, 2961, 3587
Watanabe, Y. 2170, 2867, 7125
Watarai, M. 7348, 9048
Waterer, D. 8454
Watkin, B. R. 4042
Watkins, J. E. 35-36
Watson, A. K. 7426
Watson, C. A. 4557
Watson, D. M. 6135
Watt, M. 5469
Watt, T. A. 4602, 8912
Wattal, P. N. 8552, 9433
Wattamwar, M. J. 320
Watts, J. R. 8238
Wauters, A. 488, 7615
Wawrzkiewicz, M. 3903
Weaich, K. 5490
Weaich, K. R. 6030
Webb, B. D. 6461
Webb, J. 5284-5285
Webb, M. 321
Webber, C. L., III 7516
Weber, A. 4442
Weber, G. 5232
Weber, H. 3201, 8421
Weber, L. 7644
Weber, P. 1530
Weber, R. 6107, 9539
Webster, E. P. 4439
Webster, R. 3062
Wechsung, F. 8017
Weckx, J. E. J. 6687
Wędzony, M. 7965
Weele, C. M. van der 2937, 5469
Weele, C. van der 415
Weerasinghe, P. 1683
Weete, J. D. 6578
Weginwar, B. G. 6631
Wegmüller, U. 92
Wegner, L. H. 6315
Węgrzyn, A. 420
Wehtje, G. R. 3162
Wei, D. M. 6364, 8019
Wei, D. P. 165
Wei, D. Z. 3619
Wei, J. 3900
Wei, J. F. 7971
Wei, X. M. 3600, 4515
Wei, X. Q. 9172
Wei, Y. M. 5158
Wei DaoZhi 3619
Wei DeMing 165, 6364, 8019
Wei Jin 3900
Wei JingFang 7971
Wei XiangQun 9172
Wei XiuMei 3600, 4515
Wei YiMin 5158
Weiblen, G. 1862
Weidner, S. 2833, 7177, 7198
Weig, A. 638
Weigelt, H. 628
Weil, M. 685
Weil, R. R. 5903
Weilenmann, F. 7795
Weiner, J. 7855
Weinhappel, M. 7402, 7940
Weinstein, J. D. 4818-4819
Weipert, D. 4552, 6292
Weir, B. 3359, 5039, 5883
Weir, B. L. 5025, 5038
Weir, C. C. 9423
Weir, W. 5887
Weise, S. F. 4606
Weisenseel, M. H. 8051, 9527
Weiss, H. N. 4852
Weissenböck, G. 8007
Weisskopf, P. 7211, 7385, 7795
Wel, N. N. van der 961
Welbaum, G. E. 6657
Welch, R. A. 5877, 5880, 5884
Welch, R. M. 394
Welch, R. W. 7155
Welch, S. M. 5590-5592
Welch, S. W. 1037
Welham, S. J. 4931
Welinder, K. G. 6324
Well, K. L. 6929
Wellburn, A. R. 3197
Welles, J. M. 1420
Wells, B. R. 1665, 1677, 1695, 1702, 4699, 4724
Wells, R. 4780
Wells, T. A. 2696
Welsh, J. P. 6081
Wen, G. 8352
Wen, J. 4089, 6690
Wen, J. Q. 4191, 4332, 9321
Wen, M. 1100

Wen, Q. X. 7507
Wen, S. J. 2816
Wen, S. X. 6585
Wen, T. Q. 9024
Wen, X. F. 1465
Wen, X. G. 396
Wen, Z. H. 6873, 8138
Wen, Z. Y. 3867
Wen Guang 8352
Wen JiangQi 4191, 4332, 9321
Wen Jie 6690
Wen Min 1100
Wen QiXiao 7507
Wen ShiXian 6585
Wen ShuJi 2816
Wen TieQiao 9024
Wen XianFang 1465
Wen XiaoGang 396
Wen ZhenHai 6873
Wen ZhiYou 3867
Wendenburg, C. 1884
Wendt, J. W. 1584-1585, 8902
Weng, C. H. 5650
Weng, J. M. 3398
Weng, S. H. 1308
Weng CaiHao 5650
Weng JiMing 3398
Weng ShengHan 1308
Weniger, S. 9496
Wenkel, K. O. 2117, 8017
Wennig, R. 7107
Wennig, R. W. 8769
Went, J. L. van 8549
Wenzel, C. L. 3715-3716
Wenzel, W. W. 5337
Wereszczaka, J. 2197
Werf, A. van der 7821
Werf, H. M. G. van der 5912
Wergin, W. P. 2393
Werker, A. R. 1202, 7619
Werker, E. 7890
Werner, D. 481, 4903, 9234
Werner, W. 8450
Wery, J. 8340
Weselake, R. J. 1398
Wesenberg, M. 524, 530
Wesley, R. A. 5267
Wessel, D. 6825
Wessolek, G. 8792
West, L. 5887
West, T. D. 158-159
West Indies Sugar Technologists 1439
Westenbarger, D. A. 2949
Westerdijk, C. E. 4906
Westermann, D. T. 4178
Westfall, D. G. 722, 2232, 5295, 5608, 8785
Westgate, M. E. 2813, 4590, 5623
Westhuizen, A. J. van der 2149
Weston, E. J. 810, 816, 5280, 6252
Weston, K. N. 639
Westra, P. 1631
Wevers, J. D. A. 4920
Weyens, G. 3289, 4170
Weymarn, L. von 6332
Wheal, M. 7104
Wheal, M. S. 7105-7106
Wheeler, J. 8866
Wheeler, R. M. 6782
Wheeler, T. R. 4357
Whisler, F. 6605
Whisson, D. 705
Whitbread, R. 898-899
White, D. H. 2675
White, I. R. 941, 1332
White, J. A. 1190
White, J. W. 3209, 8364
White, L. M. 6462
White, N. D. G. 901
White, P. J. 6289
White, R. P. 5427, 8764
White, S. E. 8033
Whitecross, M. I. 8177
Whitehead, L. 363
Whitehead, L. F. 6743
Whitelam, G. C. 7849
Whitelaw, M. A. 7079
Whitney, D. A. 6518
Whitsitt, M. S. 4418, 8282
Whittaker, A. 6055
Wiater, J. 6189
Wiatrak, P. J. 7894
Wibberley, J. 6131
Wibowo, D. N. 4014
Wichers, H. J. 9224
Wichman, D. 133
Wichman, D. M. 6225, 7078
Wickama, J. M. 2283
Wicks, G. A. 329, 4605
Widayati, W. E. 5177
Widell, S. 3287
Widerski, K. 2001
Widholm, J. M. 1760, 6121, 9144
Widick, J. D. 5614
Widrlechner, M. P. 5625
Widstrom, N. W. 5448
Wiebold, W. J. 8955
Wieczorek, P. 5228
Wieczorek, W. 1555
Wieczorkowska, E. 4111
Wiedenfeld, R. 8603
Wiedenfeld, R. P. 5882
Wiehe, W. 2469
Wieland, I. 859
Wiemken, A. 2387, 2425, 3138, 6326
Wieneke, J. 4704
Wiengweera, A. 7989
Wier, A. T. 9133
Wiersma, J. V. 5310
Wierzbicka, B. 2510
Wierzbowska, J. 9206
Wigneron, J. P. 92
Wijnholds, K. H. 4580, 4589, 4944-4945, 5182
Wilckens, R. 4342
Wilcox, J. R. 3094, 3123
Wilcoxson, R. D. 5310
Wilcut, J. W. 378
Wilczek, M. 6730
Wilczek, P. 6730
Wiley, G. R. 378
Wilhelm, W. W. 180
Wilhelmi, L. K. 5213
Wilkens, P. W. 2352
Wilkerson, J. B. 5049
Wilkins, C. 9085
Wilkins, D. E. 1459, 3466
Wilkins, E. D. 528
Wilkins, M. B. 883-884
Wilkinson, M. J. 568
Wilkinson, S. 7289
Willadino, L. 2947
Willardson, L. S. 5032
Willcott, J. B. 2467
Willcox, T. G. 6071
Willers, J. L. 596, 625, 1960
Willers, P. 768
Willey, R. W. 2897, 8621
Williams, B. J. 3812
Williams, C. K. 5647
Williams, C. M. 6371, 8056
Williams, C. M. J. 5823
Williams, D. 8438
Williams, D. F. 7024
Williams, D. J. 2501
Williams, G. 949
Williams, J. 8083
Williams, J. H. 5695
Williams, J. R. 5590, 8955
Williams, L. E. 639, 9375
Williams, M. 6267
Williams, P. H. 7112, 9281
Williams, T. G. 2022
Williamson, L. 4537, 7148
Williamson, R. E. 2164
Williford, J. R. 7658
Willigen, P. de 5209
Willis, R. J. 8678
Willmitzer, L. 553
Wills, G. D. 6814
Wilmer, J. A. 7726
Wilms, Y. 3720
Wilson, C. E. 8112
Wilson, C. E., Jr. 1666, 1677-1678, 1681, 1695
Wilson, G. 4704
Wilson, H. P. 529, 1220
Wilson, J. 1216-1217
Wilson, J. B. 5212
Wilson, J. C. 1865
Wilson, J. R. 6030, 6034, 6052, 6061, 6144, 9573
Wilson, K. B. 4017
Wilson, K. E. 409
Wilson, L. J. 1955
Wilson, R. G. 4084, 4605
Wilson, R. H. 8669
Wilting, P. 9292
Wiltshire, J. J. J. 8458
Wimmer, B. 5918
Windham, T. E. 1662
Windsor, M. L. 8456
Windt, A. 1201
Wingler, A. 7186
Winiarska, Z. 7817
Winiger, F. A. 7635
Winkel, T. 1733, 8205
Winkler, H. 5930
Winn, T. 301
Winning, B. 1924
Winslow, M. D. 7343
Winter, E. 5136
Winter, J. P. 8352
Winter, W. 9372
Wirén, N. von 2241
Wirkom, L. E. 6735
Wiseman, B. R. 5448
Wiskich, J. T. 1068, 1244, 1785, 8256
Wiślicki, B. 7746
Wislocki, P. G. 7025
Wiśniewska, I. 930
Wiśniewski, K. 847
Wisniewski, M. 4858
Wiśniowska-Kielian, B. 6930, 6936
Withers, P. J. A. 4752
Witkowicz, R. 3473
Witt, W. 2533
Witty, J. F. 6701
Wivstad, M. 4486, 8616, 8759
Wobeto, C. 6229, 6964
Wobus, U. 3201, 8421
Wohlfarth, T. 7487
Wojciechowicz, K. 1328
Wojciechowicz, T. 2684
Wojcieska, U. 5712, 5732
Wojcieska-Wyskupajtys, U. 7002
Wójcik, S. 5807
Wojtas, A. 7242
Wojtasek, H. 5228
Wojtaszek, P. 3262, 4133
Wolde, L. 3755
Wolf, J. 3678, 4842
Wolf, R. 2212
Wolf, S. 1986
Wolfe, D. W. 6696
Wolfe, R. I. 134, 5398
Wolfenden, J. 7148
Wolins, N. E. 5919
Wolkers, W. F. 7017
Wollenweber, B. 4578
Wollum, A. G., II 4905
Won, J. G. 5512, 7336
Won JongGun 5512, 7336
Wondimu, A. 3752
Wong, J. H. 66
Wong, M. H. 3782, 3802
Wongvarodom, V. 8958
Wonprasaid, S. 302
Wood, A. J. 1033, 3907
Wood, A. W. 697, 1354, 2047, 2662-2663, 3459, 6018, 6060, 6063, 9447
Wood, M. 7579
Wood, R. M. 4085
Woodcock, C. E. 7029
Woods, D. L. 5961, 9416
Woods, P. R. 628
Woodward, F. I. 3422
Woodward, L. 6081
Wootten, T. L. 7477
Wopereis, M. C. S. 1724
Work, T. M. 520, 1908
Worku, M. 3755
Worsham, A. D. 7252
Wouters, A. P. 2884
Woyessa, B. 3160
Woynaroski, S. 4295
Woźniak, A. 3695
Wray, V. 1034, 3721
Wriessnig, K. 5223
Wright, A. T. 1976
Wright, D. L. 7894
Wright, E. 8424
Wright, J. A. 552
Wright, P. E. 7434
Wright, P. R. 3411, 9407
Wright, R. 5760
Wright, R. L. 7172
Wright, S. 3359, 5039, 6811
Wrigley, C. W. 2187
Wróbel, S. 6749
Wroble, J. F. 5074
Wrolstad, R. E. 5828
Wrona, A. 5038
Wu, C. J. 8134
Wu, D. H. 4862
Wu, F. A. 1254
Wu, H. I. 799
Wu, J. G. 1256, 4374
Wu, J. H. 2512
Wu, J. L. 1691
Wu, J. P. 2998
Wu, J. R. 2986
Wu, J. S. 236
Wu, J. Y. 4998
Wu, J. Z. 2889, 4664
Wu, L. 2622, 5524, 7224, 7275
Wu, L. B. 6497, 8161
Wu, L. H. 2987, 8147
Wu, P. 2992, 5524, 8147
Wu, Q. 9350
Wu, R. 6499
Wu, S. 1756
Wu, S. H. 7479
Wu, S. L. 7507
Wu, S. T. 1071
Wu, S. Z. 4718, 4720, 6426
Wu, W. 4311
Wu, W. B. 243
Wu, W. M. 2277, 8115
Wu, W. S. 1440
Wu, X. R. 209, 3507, 4091, 6697
Wu, X. S. 1707
Wu, Y. 4754
Wu, Y. H. 4337, 4713, 6616
Wu, Y. J. 209, 1647, 7436
Wu, Y. L. 2745
Wu, Y. X. 2307
Wu, Y. Y. 3581, 4465, 8575
Wu, Z. Q. 3850
Wu, Z. Y. 2928
Wu ChengJi 8134
Wu FuAn 1254
Wu HsinI 799
Wu JiangPing 2998
Wu JianHua 2512
Wu JianZhong 4664
Wu JingLun 1691
Wu JingRui 2986
Wu JinGui 1256, 4374
Wu JinYu 4998
Wu JiZhong 2889
Wu JunSheng 236
Wu LianBin 6497, 8161
Wu LiangHuan 2987, 8147
Wu Ping 8147
Wu Qi 9350
Wu ShiZhao 4718, 4720, 6426
Wu ShunLing 7507
Wu ShuTu 1071
Wu SunHo 7479
Wu Wei 4311
Wu WeiMing 2277, 8115
Wu WenBin 243
Wu WenShi 1440
Wu XianRong 209, 3507, 4091, 6697
Wu XinSheng 1707
Wu YaJun 1647, 7436
Wu YanYou 8575
Wu YingJie 209
Wu Yong 4754
Wu YongHong 4713
Wu YuanYing 3581
Wu YueXuan 2307

Wu YuLan 2745
Wu YunHan 6616
Wu YunYing 4465
Wu ZhiQiang 3850
Wu ZhongYi 2928
Wübert, J. 8863
Wulf, B. 506, 524
Wulf, K. 1103
Wulfsohn, A. 70
Wulfsohn, D. 70
Wurtz, G. 9158
Wylie, P. 6154
Wyns, L. 4092, 5754
Wyse, D. L. 7935
Wysocki, D. J. 1480
Wyszkowski, M. 7174, 9302-9304
Wyszyński, Z. 1546
Wywialowski, A. P. 3760
Xavier, J. J. B. N. 8467
Xavier-Filho, J. 4871
Xi, X. Y. 331, 1049, 4808, 6633
Xi, Y. F. 8463
Xi XiangYuan 331, 4808, 6633
Xi XiangYuang 1049
Xi YuFang 8463
Xia, H. J. 691
Xia, J. H. 955
Xia, M. Z. 6669
Xia, W. 8361
Xia, Y. 4277
Xia, Y. J. 3398
Xia, Y. X. 2471
Xia, Z. A. 8209
Xia HuiJun 691
Xia JianHua 955
Xia Kai 3787
Xia Wen 8361
Xia YuJi 3398
Xia YuXian 2471
Xia ZhenAo 8209
Xiang, L. J. 8538
Xiang, T. H. 6498
Xiang, Y. K. 242
Xiang, Y. Q. 4518
Xiang LiJun 8538
Xiang TaiHe 6498
Xiang YiKang 242
Xiang YueQin 4518
Xiao, B. 8810
Xiao, J. P. 5153
Xiao, K. 3619
Xiao, Q. G. 1422
Xiao, R. 6368
Xiao, Z. M. 4248
Xiao JingPing 5153
Xiao Kai 3619
Xiao QianGuang 1422
Xiao Rong 6368
Xiao ZuoMin 4248
Xie, C. S. 588
Xie, F. X. 5529
Xie, G. F. 6348
Xie, G. H. 1663, 2969
Xie, H. L. 8158
Xie, J. H. 9044
Xie, L. H. 7720
Xie, S. Z. 4272
Xie, Z. C. 1300, 3401
Xie, Z. L. 1251, 1262
Xie, Z. P. 2387
Xie ChunSheng 588
Xie FuXian 5529
Xie GuangHui 1663, 2969
Xie GuiFang 6348
Xie HuaLiang 8158
Xie LiHua 7720
Xie ShengZhu 4272
Xie ZhenChi 1300, 3401
Xie ZhePing 2387
Xie ZhongLi 1251, 1262
Xie Zhou 8932
Xin, S. Q. 5635
Xin, Z. Y. 8932
Xin ShiQing 5635
Xin ZeYu 8932
Xing, S. P. 4808, 6633
Xing, X. H. 3866
Xing ShuPing 4808, 6633
Xing XinHui 3866
Xiong, D. Z. 3431, 8592
Xiong, H. 6434
Xiong, J. C. 4272
Xiong, J. H. 6506
Xiong, K. 4774
Xiong, Z. M. 5529
Xiong DeZhong 3431, 8592
Xiong Hong 6434
Xiong JianChun 4272
Xiong JianHua 6506
Xiong ZhenMin 5529
Xiu, L. Q. 2551
Xiu, Q. G. 4712
Xiu LiQun 2551
Xiu QiGui 4712
Xu, B. F. 8475
Xu, C. 6367, 8475
Xu, C. C. 1524, 3660, 4500, 7976
Xu, C. X. 4250
Xu, D. H. 265, 7798
Xu, D. Q. 1756, 4499, 7942
Xu, D. Y. 4788-4790
Xu, F. C. 683
Xu, F. L. 5102
Xu, F. X. 6434
Xu, G. 7360
Xu, H. 2498
Xu, H. L. 848-849
Xu, J. K. 1707
Xu, J. M. 8996
Xu, J. W. 5533
Xu, L. 55, 8808
Xu, L. L. 5326, 6243, 8790
Xu, L. W. 1273
Xu, M. 5052
Xu, M. G. 4384
Xu, M. L. 4664
Xu, P. L. 6321
Xu, Q. Y. 6569
Xu, R. G. 2868
Xu, R. L. 4247
Xu, R. S. 9034
Xu, S. C. 9110
Xu, S. H. 4633
Xu, S. K. 308
Xu, S. X. 3857
Xu, T. 8507
Xu, W. D. 8259
Xu, X. B. 3857, 3861
Xu, Y. 2029, 4503, 5638, 7754
Xu, Y. F. 5540
Xu, Y. G. 6243
Xu, Y. H. 8269
Xu, Y. J. 5532
Xu, Y. M. 6177
Xu, Y. X. 1663
Xu, Z. B. 804
Xu, Z. F. 6474, 7980
Xu, Z. G. 6799
Xu, Z. L. 2811, 9172
Xu, Z. M. 8947
Xu, Z. Q. 8514
Xu, Z. W. 8259
Xu, Z. Y. 8162
Xu, Z. Z. 6262
Xu BangFa 8475
Xu ChangCheng 1524, 3660, 4500, 7976
Xu Chao 8475
Xu ChunXi 4250
Xu DaQuan 4499, 7942
Xu DeHai 265, 7798
Xu DengYi 4788-4790
Xu FengCai 683
Xu FengLin 5102
Xu FuXian 6434
Xu Gang 7360
Xu HuiLian 848-849
Xu JiKuan 1707
Xu JinMing 8996
Xu LangLai 5326, 6243, 8790
Xu Lin 55, 8808
Xu LiWen 1273
Xu Mao 5052
Xu MengLiang 4664
Xu MingGang 4384
Xu PeiLin 6321
Xu QiYu 6569
Xu RenLiang 4247
Xu RenSheng 9034
Xu RuGen 2868
Xu ShiHua 4633
Xu ShiXiong 3857
Xu ShuChuan 9110
Xu ShuKun 308
Xu Tong 8507
Xu WenDong 8259
Xu XueBin 3857, 3861
Xu Yi 2029, 7754
Xu YinFa 5540
Xu YongGao 6243
Xu YongHua 8269
Xu YongXin 1663
Xu Yuan 5638
Xu YuMin 6177
Xu Yun 4503
Xu ZhaoFei 7980
Xu ZhenZhu 6262
Xu ZhiBin 804
Xu ZhiFu 6474
Xu ZhiMing 8947
Xu ZhiWei 8259
Xu ZhuLing 2811, 9172
Xu ZhuYun 8162
Xu ZiQin 8514
Xu ZongGang 6799
Xuan, Y. N. 3581, 6231
Xuan Ya'Nan 3581
Xuan YaNan 6231
Xue, D. S. 729
Xue, G. X. 7350
Xue, J. H. 2747, 4593, 6195
Xue, L. R. 4817
Xue, P. 626
Xue, Q. H. 2889, 6384
Xue, Q. Z. 9044
Xue DongSen 729
Xue GuangXing 7350
Xue JunHong 2747, 4593, 6195
Xue LingRu 4817
Xue Ping 626
Xue QiHan 2889, 6384
Yabuta, N. 3771
Yada, R. Y. 2558, 5132
Yadahalli, Y. H. 1155, 3468
Yadav, A. 470, 8079
Yadav, B. D. 470
Yadav, B. S. 6866
Yadav, C. R. 7564, 7573
Yadav, G. R. 1935
Yadav, H. D. 4746
Yadav, H. S. 1847
Yadav, J. 5767
Yadav, J. P. 8555
Yadav, K. R. 1474
Yadav, K. S. 20, 1951, 1992, 5117, 5862, 9349
Yadav, L. M. 7478
Yadav, L. N. 2604, 4123
Yadav, N. 4534
Yadav, N. R. 2026
Yadav, O. P. 6537
Yadav, P. K. 1481
Yadav, R. C. 2026
Yadav, R. D. 8219
Yadav, R. K. 7739
Yadav, R. L. 7770
Yadav, R. N. 2015, 4106
Yadav, R. P. 5117
Yadav, R. S. 5197, 7567, 8819, 9078
Yadav, S. C. 2820, 3520, 8104, 8393, 9074
Yadav, S. K. 1771, 8318
Yadav, S. R. 2660, 3456
Yadav, V. K. 4534
Yadav, Y. P. 4746
Yadava, H. S. 6540
Yadava, R. B. 2332
Yadava, T. P. 5118, 5128, 5130, 6915-6916, 6927
Yaduvanshi, N. P. S. 2767
Yadvinder-Singh 8128
Yadzi-Samadi, B. 5356
Yagi, F. 5664
Yaginuma, T. 2996
Yagodin, B. A. 3400, 4392, 7090
Yagovenko, L. L. 2466
Yagovenko, L. P. 6972
Yahiya, M. 4882
Yaichkin, A. V. 4369
Yaklich, R. W. 2393
Yakovets, V. P. 2704
Yakovleva, V. G. 403
Yakubu, Y. 4606
Yakushkina, N. I. 104
Yamada, F. 8991
Yamada, K. 3687, 6692
Yamada, M. 2421, 5740
Yamada, T. 587, 1313, 1610, 3331, 7344
Yamagami, T. 2838
Yamagata, M. 5196
Yamagishi, J. 727
Yamagishi, K. 7639
Yamaguchi, A. 3991
Yamaguchi, H. 4089, 6690
Yamaguchi, J. 998, 4754
Yamaguchi, M. 2383, 3331, 3995, 6463-6464
Yamaguchi, Y. 2023, 7344, 9023
Yamakawa, O. 9339
Yamamiya, K. 9229
Yamamoto, N. 5705
Yamamoto, R. 5717
Yamamoto, S. 8865
Yamamoto, T. 3870
Yamamoto, Y. 1001, 1006, 1012, 1018, 2023, 2858, 3842, 5520, 5554, 7191
Yamamura, S. 3687, 6692
Yaman, M. 1081, 6612
Yamanaka, S. 9027
Yamane, H. 5753
Yamane, T. 7950
Yamane, Y. 8145
Yamanokuchi, K. 7442
Yamanouchi, M. 6698
Yamashita, K. 2858, 5418, 7191
Yamashita, M. 9536
Yamashita, T. 2966, 4834
Yamasue, Y. 743
Yamauchi, A. 3856, 9253
Yamauchi, D. 4851
Yamauchi, M. 301, 4707, 4714, 5507, 7358
Yamaya, T. 2309, 2996
Yamazaki, H. 6116
Yamazaki, K. 4618
Yamazaki, M. 2327
Yan, B. 2303, 3792
Yan, F. 5670
Yan, G. X. 4249
Yan, H. B. 8138
Yan, H. J. 893
Yan, J. M. 1256
Yan, J. Q. 5064
Yan, J. Y. 1267, 3581, 6231
Yan, Q. C. 2965
Yan, Q. S. 6498
Yan, S. P. 8971
Yan, S. Y. 9134
Yan, W. 4699
Yan, W. B. 9376
Yan, W. C. 3875
Yan, X. D. 843
Yan, X. L. 6509
Yan, Y. L. 3531
Yan, Z. F. 8821
Yan Bin 2303, 3792
Yan Fei 5670
Yan GenTu 5892
Yan GongXiang 4249
Yan HuaJun 893
Yan JianMin 1256
Yan JingYi 3581, 6231
Yan JiQiong 5064
Yan JiYao 1267
Yan QiChuan 2965
Yan QiuSheng 6498
Yan ShoYun 9134
Yan ShuPing 8971
Yan WenBin 9376
Yan WenChao 3875
Yan XiaoLong 6509
Yan XuDong 843
Yan YanLu 3531
Yan ZhongFeng 8821
Yanagigawa, T. 7442
Yanagisawa, A. 4159

Yanagisawa, T. 9035
Yanagisawa, Y. 8271
Yanai, J. 206
Yanai, R. D. 7835
Yancheva, C. 3748
Yancheva, Kh. 474
Yaneva, I. A. 5352
Yanez, J. A. 7175
Yang, B. Z. 1196, 7966
Yang, C. D. 6497, 8161
Yang, C. F. 6709
Yang, C. G. 601
Yang, C. H. 4359
Yang, C. M. 8179, 8289, 8692
Yang, C. Q. 618
Yang, D. S. C. 7165
Yang, D. X. 5638
Yang, F. C. 7920
Yang, F. R. 3076
Yang, F. X. 5072
Yang, G. L. 7980
Yang, G. P. 949
Yang, G. X. 9533
Yang, H. F. 4184
Yang, H. S. 8883
Yang, H. Y. 165, 691, 4292, 7764
Yang, J. 2865, 3120, 4718, 5431, 6426, 6609
Yang, J. C. 250, 2316, 2988, 3860, 6470
Yang, J. H. 3598, 4716
Yang, K. 8771
Yang, K. H. 8310
Yang, L. 4530
Yang, M. J. 3598
Yang, Q. 614, 3119, 3407
Yang, Q. K. 3091, 6569, 9138
Yang, Q. W. 8361, 9434
Yang, R. L. 4829
Yang, S. 5070
Yang, S. D. 4264, 5057
Yang, S. H. 5529
Yang, S. J. 6785, 7628, 7636
Yang, S. Q. 6935
Yang, S. Y. 4961
Yang, T. Z. 8591
Yang, W. H. 1500
Yang, W. L. 3914
Yang, W. Q. 4006
Yang, X. 1269
Yang, X. E. 7328
Yang, X. H. 4091, 4356, 6697
Yang, X. L. 845
Yang, X. M. 194
Yang, X. Q. 6111, 6516
Yang, Y. 3401, 5524
Yang, Y. C. 1889
Yang, Y. H. 3598, 6244
Yang, Y. J. 578
Yang, Y. Y. 9035
Yang, Y. Z. 4338
Yang, Z. 7920
Yang, Z. B. 5143
Yang, Z. H. 3658, 4338, 8072
Yang, Z. M. 6231
Yang, Z. P. 3132
Yang, Z. X. 634
Yang BaoZhu 7966
Yang BoZheng 1196
Yang ChangDeng 6497, 8161
Yang ChangHyu 4359
Yang ChenGen 601
Yang ChuanQuiang 618
Yang ChwenMing 8179, 8289, 8692
Yang DanXia 5638
Yang FangRen 3076
Yang FuCun 7920
Yang FuXin 5072
Yang GenPing 949
Yang GuangXiao 9533
Yang GuiLian 7980
Yang HongFu 4184
Yang HongYou 165
Yang HongYuan 691, 4292, 7764
Yang HuaiSen 8883
Yang JiaHe 4716
Yang JianChang 250, 2316, 2988, 3860, 6470
Yang Jing 2865
Yang JinHua 3598
Yang Jun 4718, 5431, 6426
Yang KinHsing 8310
Yang Li 4530
Yang MuJun 3598
Yang Qi 3119
Yang QingKai 3091, 6569, 9138
Yang Qiong 614, 3407
Yang QiuWu 9434
Yang QiWei 8361
Yang SeungYeul 4961
Yang ShiHua 5529
Yang ShuDong 4264, 5057
Yang SungJi 6785, 7628, 7636
Yang SuQin 6935
Yang TieZhao 8591
Yang WangHai 1500
Yang WanQiao 4006
Yang XianMing 194
Yang Xiao 1269
Yang XiaoE 7328
Yang XiaoHe 4091, 6697
Yang XiaoLi 845
Yang XiaoQuan 6111, 6516
Yang XiHua 4356
Yang YanHua 3598
Yang YingZhou 4338
Yang YongJoon 578
Yang YoungYell 9035
Yang Yuai 3401
Yang YuChang 1889
Yang YuHong 6244
Yang ZeXin 634
Yang ZhanPin 3132
Yang Zhen 7920
Yang ZhenBiao 5143
Yang ZhiMin 6231
Yang ZhongHan 3658, 4338, 8072
Yaninek, Y. S. 5246
Yanishevskiĭ, F. V. 2574, 3490
Yankov, B. 416, 3748
Yanni, Y. G. 5503
Yano, K. 9253
Yao, D. R. 6467
Yao, J. M. 8135
Yao, M. H. 3024
Yao, Y. L. 5520
Yao, Y. X. 7879
Yao DongRui 6467
Yao MingHwi 3024
Yao YouLi 5520
Yao YuanXi 7879
Yapa, L. G. G. 4227, 8961
Yarden, O. 7831
Yarmah, A. 365
Yarwood, A. 693
Yasin, M. 5568, 6374
Yassoglou, N. 6271
Yasuda, K. 1936, 9340
Yasuda, M. 1313
Yasuda, T. 994, 5546, 9084
Yates, D. J. 222
Yates, R. A. 696
Yatsenko, V. V. 147
Yatsevich, O. V. 1537
Yatsuhashi, Y. 904
Yau, S. K. 4541
Yavtushenko, V. E. 6286
Yazaki, Y. 5403
Yazar, A. 7988
Yazdani, S. S. 5979
Yazdi-Samadi, B. 5357
Ye, B. X. 331
Ye, M. B. 5326, 8790
Ye, Q. 2624
Ye, W. W. 8496
Ye, W. Y. 8383
Ye, X. L. 601
Ye, Z. B. 5175
Ye, Z. Q. 3405
Ye BaoXing 331
Ye MaoBing 5326, 8790
Ye WeiYi 8383
Ye WuWei 8496
Ye XiuLian 601
Ye ZhenBang 5175
Ye ZhengQian 3405
Yeates, S. J. 9235
Yee, B. C. 66
Yee, W. L. 4256, 5054
Yehuda, Z. 2861
Yeledhalli, N. A. 8528
Yel'nikov, I. I. 8074
Yelshetty, S. 8530
Yemul, S. N. 4344
Yendluri, K. 5107
Yenish, J. P. 7252, 7935
Yenjerappa, S. T. 606
Yeo, A. R. 2444, 5538
Yeo, M. E. 5538
Yeoh, H. H. 7653
Yeoh HockHin 7653
Yewale, A. K. 6715
Yi, C. Z. 2977-2978, 9406
Yi, Y. 2344, 3901
Yi ChunZhen 2977-2978, 9406
Yi Yin 2344, 3901
Yian, S. 6562
Yian Shi 6562
Yichki, D. 4287
Yıldırım, M. B. 1213
Yıldırım, Z. 3327
Yılmaz, A. 2786, 6186, 6548, 8773
Yılmaz, N. 2746, 8846, 9260
Yim, K. O. 6489
Yin, C. Y. 4259
Yin, H. D. 2277
Yin, J. 6179
Yin, L. P. 1507
Yin, X. G. 8969
Yin, X. Y. 1714, 2320, 5556
Yin, Y. P. 4501, 5276, 6235
Yin, Z. H. 2918, 3626
Yin ChengYi 4259
Yin HuoDong 2277
Yin Jun 6179
Yin LiPing 1507
Yin XinYou 1714, 2320, 5556
Yin XueGui 8969
Yin YanPing 4501, 5276, 6235
Yin ZuHua 2918, 3626
Ying, H. D. 8115
Ying HuoDong 8115
Yläranta, T. 7161
Ynalvez, M. A. 5556
Yocum, C. F. 1446
Yocum, J. O. 8942
Yogendra Pal 2050, 7789
Yokochi, Y. 7314
Yokogami, N. 6463-6464
Yokoo, N. 2967
Yokota, T. 4051, 7492
Yon, Y. H. 8135
Yonetani, T. 2426
Yoneyama, T. 257, 727, 1846, 8613, 9063
Yonts, C. D. 1882
Yoo, B. C. 7435
Yoo, C. H. 4359
Yoo, N. H. 5419
Yoo ChulHyun 4359
Yoo NamHee 5419
Yook, W. B. 9106
Yoon, B. S. 5497
Yoon, E. B. 128, 2133
Yoon ByeongSung 5497
Yoon EuiByung 128, 2133
Yorio, N. C. 8814
York, A. C. 7252
York, W. S. 5148, 7014
Yoshida, I. 4821
Yoshida, K. 7542
Yoshida, K. T. 4339
Yoshida, M. 4532
Yoshida, R. 1719
Yoshida, S. 3497, 3941, 5765, 8865, 9499
Yoshida, T. 3834, 3842, 4159, 7378, 8203, 8672
Yoshihara, T. 559, 561, 563
Yoshihira, T. 7397, 8210
Yoshihiro, S. 6463
Yoshii, M. 2280
Yoshikawa, H. 8152
Yoshikawa, R. 7929
Yoshiki, Y. 9127
Yoshimura, E. 3704
Yoshimura, M. 3007
Yoshimura, Y. 4171, 4173
Yoshinaga, M. 582, 9339
Yoshinaga, S. 8178, 8445
Yoshizawa, D. 3247
Yost, C. K. 1309
Yothasiri, A. 1833
You, R. H. 5650
You RuHeng 5650
Youn, K. B. 4574
Youn KyuBok 4574
Young, A. J. 1569
Young, D. A. 514-517
Young, I. M. 206, 5360
Young, L. D. 5649
Young, L. M. 2932
Young, S. D. 7917-7918
Youngblood, T. V. 4016
Youngquist, W. 3214
Younis, M. 5268
Youssef, A. M. 1804
Youssef, R. A. 3746
Yousuf, S. A. 8101
Yruela, I. 2495
Yu, B. C. 8538
Yu, B. G. 3848, 5431, 6486
Yu, B. J. 3718
Yu, B. S. 9350
Yu, F. Q. 6901
Yu, F. Y. 6234
Yu, G. H. 4818-4819
Yu, H. 94
Yu, H. S. 846
Yu, H. X. 6257
Yu, H. Y. 5532, 6447
Yu, J. H. 6437
Yu, J. Z. 4773
Yu, K. L. 851, 8361
Yu, K. N. 1308
Yu, L. Y. 8870
Yu, M. Y. 808, 9034
Yu, P. 3377
Yu, R. C. 3012, 4529
Yu, R. P. 2872, 4425
Yu, S. J. 368, 5922
Yu, S. L. 4353, 4508, 5173, 6177, 6262, 7957
Yu, S. M. 7798
Yu, S. W. 3994
Yu, S. X. 1265, 2594
Yu, T. F. 7098
Yu, X. M. 7165
Yu, Y. J. 4259
Yu, Y. X. 3598
Yu, Z. M. 3003
Yu, Z. Q. 9166
Yu, Z. T. 4776
Yu, Z. W. 4508, 6177, 6262, 7957
Yu BingGao 3848, 5431, 6486
Yu BingJun 3718
Yu BingSheng 9350
Yu BoCheng 8538
Yu FengQun 6901
Yu FengYi 6234
Yu GyungHee 4818-4819
Yu HangYong 6447
Yu HongXin 6257
Yu HuaSheng 846
Yu JianHua 6437
Yu JianZhang 4773
Yu KeLi 851, 8361
Yu LiYun 8870
Yu MeiYu 808, 9034
Yu Ping 3377
Yu RangCai 3012, 4529
Yu RenPei 2872, 4425
Yu ShenMiao 7798
Yu ShuWen 3994
Yu ShuXun 1265, 2594
Yu SongLie 4353, 4508, 5173, 6177, 6262, 7957
Yu SugJong 368, 5922
Yu XiaoMing 7165
Yu YaXiong 3598
Yu YuanJie 4259
Yu ZhangMing 3003
Yu ZhangQing 9166
Yu ZhangTu 4776
Yu ZhenWen 4508, 6177, 6262, 7957
Yuan, M. 4059

Yuan, Q. 5666
Yuan, Q. C. 3660
Yuan, R. H. 1265, 2594
Yuan, S. T. 8138
Yuan, T. 6859, 9376
Yuan, W. Q. 5893
Yuan, X. L. 840
Yuan, Y. L. 1500
Yuan, Z. D. 2771
Yuan QingChang 3660
Yuan Quan 5666
Yuan RiHong 1265, 2594
Yuan Tong 6859, 9376
Yuan WenQiao 5893
Yuan XiaoLiang 840
Yuan YongLan 1500
Yuan ZhengDong 2771
Yubak, D. 7062
Yüce, S. 3161
Yue, S. S. 7957
Yue ShouSong 7957
Yuki, K. 2967
Yuldshev, P. Kh. 3361
Yule, D. F. 3028
Yumoto, S. 1076, 2391, 3103-3104
Yun, B. K. 3827, 5499
Yun, D. J. 2640
Yun, D. W. 4778
Yun, H. J. 2301
Yun, H. T. 6573, 8234
Yun, J. I. 646, 4204-4205, 4986
Yun, S. H. 646, 4026
Yun, S. J. 5419
Yun, Y. D. 5505
Yun BongKi 3827, 5499
Yun DaeJin 2640
Yun DoWon 4778
Yun HongJae 2301
Yun HongTae 6573, 8234
Yun JinIl 646, 4205, 4986
Yun JinIll 4204
Yun SeongHo 646, 4026
Yun SongJoong 5419
Yun YongDae 5505
Yunus, M. 795
Yurashev, V. V. 4546
Yur'eva, O. V. 5324
Yurina, E. V. 3622-3623
Yurina, T. P. 3622-3623
Zaag, P. van der 497
Zabala, S. M. 9219
Zabotina, O. A. 1760, 1795
Zabrodina, I. Yu. 3400
Zabrodina, M. V. 5468
Zacchini, M. 2245
Zach, M. 7858
Zacherl, M. 7993
Zaets, V. N. 466
Zafar, Z. U. 5788, 7582
Zagade, M. V. 272
Zagatto, A. 277
Zagdańska, B. 847
Zaghloul, R. A. 1505, 1534
Zagranichnaya, T. K. 888, 3780
Zaharah, A. R. 8960
Zaharieva, T. 6352
Zaherul Islam 5198
Zahir, Z. A. 6275, 7649
Zahradníček, J. 1880, 2486, 2497, 4156, 4909-4911, 7608
Zahran, H. H. 4899
Zaid, H. M. M. 2773
Zaidi, P. H. 3141, 8285
Zaifnejad, M. 3603, 4740
Zaini, Z. 6163
Zaĭtsev, N. I. 3970
Zaitseva, T. A. 1578, 2693
Zajac, M. 3661
Zajac, T. 3473
Žajová, A. 3487
Žák, D. 1574
Zak, E. 5724
Zak, E. A. 8349
Żak, W. 4302, 4304
Zakharov, A. N. 4369
Zakharova, L. M. 7683
Zaki, A. 1204
Zaki, A. M. 5764, 5784
Zaleski, P. 7246
Zalewski, K. 9532
Zaman, S. K. 4685-4686, 8984
Zaman, S. M. H. 5111, 6904
Zambilă G. 7873
Zambrzuski, S. 2622
Zamkovoĭ, I. S. 7208
Zamora, O. B. 5563
Zancani, M. 4048, 6589
Zandstra, H. G. 6757
Zang, Y. C. 6181
Zang YongChun 6181
Zani, A. 4918
Zanin, G. 198, 346, 7420
Zanini Neto, J. A. 519, 3314
Zanoli, R. 6128
Zapata, F. J. 3917, 9043
Zapata-Arias, F. J. 6501
Zaplishny, V. N. 7244
Zaplishnyĭ, V. N. 7244
Zar Quarish 656
Zárate, N. A. H. 6798, 6802, 9345-9346
Zarishnyak, A. S. 2487, 4165
Zarkadas, C. G. 9137
Zarkov, B. 111, 3889
Zarra, I. 2457
Zarzecka, K. 4957
Zarzyńska, K. 2505
Zastrizhnaya, O. M. 5709
Zauralov, O. A. 2353, 4423, 8888
Zavala-García, F. 8193
Zavanella, M. 2491, 2493
Zavorueva, E. N. 6871
Zav'yalova, E. F. 7721
Zayed, A. 2622
Zayed, M. M. 438
Zažímalová, E. 5146
Zbaŋ, L. 7926
Zbaŋ, M. 7926
Zbieć, I. I. 4299
Žďárková, E. 4441
Zeb Abbas 8535
Zebrowski, C. 1418
Zeevaart, J. A. D. 404, 8456
Zefelippo, M. 6199, 6220
Zeghida, A. 7171
Zehtabian, G. R. 5482
Zeidan, E. M. 6741
Zeiger, E. 1124, 2419, 7263
Zeiler, L. F. 2629
Zeinali-Khanghah, H. 7707
Zelener, N. 4011
Zelený, K. 1880
Żembery, J. 3487
Zemledelie 2777-2778, 3174, 3373, 3392
Zemlyachenko, Ya. V. 887-888
Zen, D. L. 2512
Zen DaLi 2512
Zeng, F. H. 2307
Zeng, G. W. 8156
Zeng, Q. F. 608, 6820
Zeng, S. X. 3874
Zeng, W. L. 3431
Zeng, X. J. 9172
Zeng, X. Q. 618
Zeng, Y. C. 8274
Zeng, Z. K. 6244
Zeng, Z. R. 3609
Zeng FuHua 2307
Zeng GuangWen 8156
Zeng QingFang 608, 6820
Zeng ShaoXi 3874
Zeng WenLong 3431
Zeng XianJing 9172
Zeng XianQing 618
Zeng YuCheng 8274
Zeng ZheRong 3609
Zeng ZhongKui 6244
Zengeni, S. B. 3895
Zenk, M. H. 8571
Zentner, R. P. 1453, 6165
Zer, H. 9507
Zerbi, G. 7973
Zérega M., L. 2655
Zerené Z., M. 26
Zerihun, T. 6921
Zerner, A. 1880
Zerulla, W. 7809
Zetina, E. V. 1127
Zeto, S. K. 8953-8954
Zewdie, E. 9066
Zewdie, K. 7692
Zewdu, T. 4065
Zhamjanova, B. B. 7633
Zham'yanova, B. B. 7633
Zhang, B. 4426
Zhang, B. H. 613, 4013, 6842
Zhang, B. J. 6253
Zhang, B. Z. 9434
Zhang, C. D. 424
Zhang, C. F. 9021
Zhang, C. M. 1676
Zhang, C. Y. 4242, 7092
Zhang, D. J. 3074
Zhang, D. P. 218, 3131, 5473, 8933
Zhang, D. S. 8472
Zhang, D. X. 3777, 5675
Zhang, F. 2929, 4023, 6617, 7405
Zhang, F. H. 9166
Zhang, F. L. 6393
Zhang, F. S. 2977-2978, 3219, 3269, 3406, 3505, 3992, 8149, 8988, 8994, 9223, 9406
Zhang, F. T. 4716
Zhang, G. C. 1504, 1508, 3656, 4505, 6238, 6371, 8056
Zhang, G. D. 3133, 7438
Zhang, G. H. 5529
Zhang, G. L. 381, 3132, 6632
Zhang, G. Q. 5158
Zhang, G. R. 4032, 8870
Zhang, G. S. 6859
Zhang, G. Y. 384, 8262
Zhang, G. Z. 8319
Zhang, H. 1267
Zhang, H. C. 175, 6181
Zhang, H. L. 1922
Zhang, H. M. 3815, 4283
Zhang, H. Y. 5613, 7980
Zhang, J. 3802
Zhang, J. H. 162, 218-219, 1269, 3153, 3782, 5472-5473, 8933
Zhang, J. S. 2811, 4292, 5260
Zhang, J. T. 6848
Zhang, J. X. 1031, 2771, 4006, 8822
Zhang, K. R. 686
Zhang, L. 2471, 3190, 8808
Zhang, L. H. 2805, 3150, 9110
Zhang, L. S. 6253
Zhang, L. X. 2396
Zhang, L. Y. 1000, 5338
Zhang, M. 3435, 4835
Zhang, M. C. 8005
Zhang, M. Q. 4353, 5173
Zhang, M. R. 2748
Zhang, M. X. 633
Zhang, N. 177, 8898
Zhang, N. W. 804
Zhang, N. Y. 142
Zhang, P. 6234, 8794
Zhang, P. F. 6799
Zhang, P. N. 891
Zhang, Q. D. 396, 1523
Zhang, Q. G. 2750
Zhang, Q. J. 5338
Zhang, Q. L. 4248
Zhang, Q. S. 1785
Zhang, Q. X. 3005
Zhang, R. H. 3131
Zhang, R. X. 3581, 3619, 5326, 6231
Zhang, S. C. 845
Zhang, S. F. 2964
Zhang, S. H. 7092, 7334
Zhang, S. M. 6401
Zhang, S. W. 3858
Zhang, S. Z. 6569
Zhang, T. L. 4426
Zhang, T. Q. 4596
Zhang, T. Y. 2747
Zhang, W. 2132, 4508, 4592
Zhang, W. H. 3718, 6270, 9208
Zhang, W. J. 4708
Zhang, W. X. 3003-3004
Zhang, X. 3531, 5103
Zhang, X. C. 6195
Zhang, X. F. 8968
Zhang, X. G. 5534, 6338
Zhang, X. J. 2630, 3169, 7681
Zhang, X. K. 8149
Zhang, X. M. 4694
Zhang, X. Q. 1329, 6498
Zhang, X. S. 426
Zhang, X. T. 4006, 8262
Zhang, X. Y. 840, 7464
Zhang, Y. 5094, 7435, 9024, 9350
Zhang, Y. G. 1267
Zhang, Y. H. 633
Zhang, Y. J. 5650
Zhang, Y. K. 6494
Zhang, Y. M. 7968
Zhang, Y. P. 4384, 8883
Zhang, Y. S. 2992
Zhang, Y. W. 6234
Zhang, Y. X. 1722
Zhang, Y. Z. 6539
Zhang, Z. 3912, 9438
Zhang, Z. F. 8319
Zhang, Z. G. 2865
Zhang, Z. H. 3729
Zhang, Z. W. 2314
Zhang, Z. Y. 4283
Zhang BaoHong 613, 4013, 6842
Zhang BaoJun 6253
Zhang BaoZhan 9434
Zhang Bin 4426
Zhang CaiYing 7092
Zhang ChaoYing 4242
Zhang ChengDong 424
Zhang ChuFu 9021
Zhang DaiPing 3131
Zhang DaPeng 218, 5473, 8933
Zhang DeJian 3074
Zhang DeSen 8472
Zhang DongXiang 3777, 5675
Zhang Feng 2929, 7405
Zhang FengLu 6393
Zhang FuHou 9166
Zhang FuShen 8988
Zhang FuSheng 8994
Zhang FuSuo 2977-2978, 3219, 3269, 3406, 3505, 3992, 8149, 9223, 9406
Zhang FuTian 4716
Zhang GaoYing 384
Zhang GengLing 381, 6632
Zhang GenSen 6859
Zhang GuangRou 4032
Zhang GuiChang 1504, 1508, 3656, 4505, 6238, 6371, 8056
Zhang GuiDao 7438
Zhang GuiLan 3132
Zhang GuiYing 8262
Zhang GuoDong 3133
Zhang GuoHua 5529
Zhang GuoQuan 5158
Zhang GuoRong 8870
Zhang GuoZhen 8319
Zhang HaiLin 1922
Zhang HanMing 4283
Zhang He 1267
Zhang HengChang 6181
Zhang HongCheng 175
Zhang HongMei 3815
Zhang HongYan 5613
Zhang HuiYe 7980
Zhang JianHua 162, 218-219, 3153, 3782, 5472-5473, 8933
Zhang JianHui 1269
Zhang JianXin 8822
Zhang JingXian 1031
Zhang JinSong 2811, 4292, 5260
Zhang JinTong 6848
Zhang JinXing 4006
Zhang JiXin 2771
Zhang KeRong 686
Zhang LianHong 2805
Zhang LianYing 1000
Zhang LiHong 3150
Zhang LiHua 9110
Zhang Lin 2471
Zhang Ling 8808
Zhang LinSheng 6253
Zhang LiYan 5338
Zhang Long 3190

Zhang MeiRong 2748
Zhang Min 3435
Zhang Ming 4835
Zhang MingChu 8005
Zhang MuQing 4353, 5173
Zhang MuXiang 633
Zhang NingWen 804
Zhang NingYan 142
Zhang PengFei 6799
Zhang PengNian 891
Zhang Ping 6234
Zhang QiDe 396, 1523
Zhang QiGang 2750
Zhang QingJiang 5338
Zhang QingXue 3005
Zhang QiongLong 4248
Zhang QiSen 1785
Zhang RongHua 3131
Zhang RongXian 3581, 3619, 5326, 6231
Zhang ShangFa 2964
Zhang ShiCheng 845
Zhang ShuHua 7092
Zhang ShuMin 6401
Zhang ShuZhen 6569
Zhang SongHan 7334
Zhang SongWu 3858
Zhang TaoLin 4426
Zhang TianYou 2747
Zhang Wei 2132, 4508, 4592
Zhang WeiJian 4708
Zhang WenHua 3718
Zhang WenXu 3003-3004
Zhang Xian 3531
Zhang XianChu 6195
Zhang Xiang 5103
Zhang XianSheng 426
Zhang XiaoMing 4694
Zhang XiGu 6338
Zhang XiKe 8149
Zhang XingTan 4006, 8262
Zhang XinYou 7464
Zhang XiuFu 8968
Zhang XiuQing 1329
Zhang XiYing 840
Zhang XueJiang 2630, 3169
Zhang XueQin 6498
Zhang Yan 5094
Zhang Yang 9024
Zhang YanMin 7968
Zhang YanPing 8883
Zhang Yi 9350
Zhang YiPing 4384
Zhang YongXi 1722
Zhang YuanGen 1267
Zhang YueJi 5650
Zhang YuFan 5892
Zhang YunHong 633
Zhang YunKang 6494
Zhang YuWen 6234
Zhang YuZong 6539
Zhang Zhen 3912
Zhang Zheng 9438
Zhang ZhengFang 8319
Zhang ZhenHong 3729
Zhang ZhiYu 4283
Zhang ZiGuo 2865
Zhanybekova, S. Sh. 2092
Zhao, C. 4006, 8262
Zhao, C. J. 7966
Zhao, C. Z. 6497, 8161
Zhao, D. 6902
Zhao, D. G. 3655
Zhao, D. K. 5852
Zhao, D. M. 2927
Zhao, F. G. 8319
Zhao, F. J. 63, 6893
Zhao, G. F. 9142
Zhao, G. Q. 806
Zhao, H. 9036
Zhao, H. J. 684, 1306, 5992
Zhao, H. Y. 5061
Zhao, J. B. 2747, 4593, 6195
Zhao, J. J. 8262
Zhao, J. R. 165, 6364, 6561, 8019
Zhao, J. Y. 6393
Zhao, J. Z. 3074, 3076
Zhao, K. F. 6404, 8087
Zhao, M. 6389, 6393, 8822, 8929
Zhao, M. Q. 5992
Zhao, M. Z. 1553
Zhao, Q. H. 2000
Zhao, S. J. 1524, 4500, 7976
Zhao, S. N. 3609
Zhao, S. R. 6181
Zhao, S. Y. 3076
Zhao, S. Z. 2775
Zhao, W. J. 3702
Zhao, X. W. 3113
Zhao, Y. 2382, 4174
Zhao, Y. F. 8591
Zhao, Y. H. 7537
Zhao, Y. L. 8966
Zhao, Y. Y. 2568, 3004
Zhao, Z. A. 6799
Zhao, Z. C. 2963, 3017
Zhao ChengZhang 6497, 8161
Zhao ChunJiang 7966
Zhao Cun 4006, 8262
Zhao DeGang 3655
Zhao DianKe 5852
Zhao DongMei 2927
Zhao FuGeng 8319
Zhao GuiFang 9142
Zhao GuoQiang 806
Zhao HeJu 1306
Zhao Hua 9036
Zhao HuiJie 684, 5992
Zhao JingRong 6561
Zhao JiuRan 165, 6364, 8019
Zhao JiuYan 6393
Zhao JiuZhou 3074, 3076
Zhao JuBao 2747, 4593, 6195
Zhao JunJie 8262
Zhao KeFu 6404, 8087
Zhao MiaoZhen 1553
Zhao Ming 6389, 6393, 8822, 8929
Zhao MingQin 5992
Zhao QingHua 2000
Zhao ShiJie 1524, 4500, 7976
Zhao ShouRen 6181
Zhao ShuangNing 3609
Zhao ShuYing 3076
Zhao WenJun 3702
Zhao XiaoWu 3113
Zhao YiLin 8966
Zhao YongFang 8591
Zhao Yuan 2382, 4174
Zhao YuHua 7537
Zhao YunYun 3004
Zhao YuYing 2568
Zhao ZhenAn 6799
Zhao ZhiChao 2963, 3017
Zhdanova, L. P. 5949
Zheleva, D. 9505
Zhen, D. F. 7792
Zhen, R. 4694
Zhen DeFu 7792
Zhen Rou 4694
Zheng, C. J. 3994
Zheng, C. R. 8172
Zheng, D. M. 615
Zheng, F. 2935
Zheng, G. H. 8653
Zheng, G. P. 3815, 5613
Zheng, G. S. 7941
Zheng, J. C. 6437
Zheng, L. 3122
Zheng, L. M. 1663, 2798
Zheng, Q. 589
Zheng, R. M. 4751
Zheng, S. L. 6509
Zheng, T. G. 4391
Zheng, W. H. 5675
Zheng, W. J. 1251, 1262
Zheng, Y. F. 6231
Zheng, Y. Y. 9373
Zheng, Y. Z. 7447
Zheng, Z. S. 2964
Zheng, Z. Y. 1465
Zheng ChangMin 1676
Zheng ChaoJun 3994
Zheng ChunRong 8172
Zheng DeMing 615
Zheng Fei 2935
Zheng GuangHua 8653
Zheng GuiPing 3815, 5613
Zheng GuoSheng 7941
Zheng JiCi 6437
Zheng LiMin 1663, 2798
Zheng Ling 3122
Zheng Qi 589
Zheng RunMei 4751
Zheng ShaoLing 6509
Zheng TaiGen 4391
Zheng WeiHong 5675
Zheng WenJun 1251, 1262
Zheng YiZhi 7447
Zheng YouFei 6231
Zheng YunYu 9373
Zheng ZhaiSheng 2964
Zheng ZingYun 1465
Zhi, H. J. 3989
Zhi HaiJian 3989
Zhirkov, Zh. V. 1601, 3733
Zhmurko, N. G. 7811
Zholkevich, V. N. 4263, 9361
Zhong, C. X. 3912
Zhong, G. C. 7099
Zhong, H. X. 6498
Zhong, J. J. 3867
Zhong, P. Y. 4851
Zhong, X. Q. 5175
Zhong, Z. Z. 2747, 4593, 6195
Zhong ChongXin 3912
Zhong HuaXin 6498
Zhong JianJiang 3867
Zhong PeiYing 4851
Zhong XiQiong 5175
Zhong ZhaoZhan 2747, 4593, 6195
Zhonu, Y. Y. 9350
Zhonu YouYao 9350
Zhou, C. 691, 7764
Zhou, C. J. 1663
Zhou, D. F. 5143
Zhou, G. Q. 3703
Zhou, G. Y. 3609, 5072
Zhou, H. 6244
Zhou, H. C. 1691
Zhou, H. F. 6832
Zhou, H. X. 77, 7288, 8259
Zhou, H. Y. 6792
Zhou, J. H. 8862
Zhou, K. J. 4773
Zhou, L. D. 4466
Zhou, M. D. 8653
Zhou, M. X. 2868
Zhou, N. J. 4751
Zhou, P. H. 635
Zhou, P. Z. 7720
Zhou, Q. M. 4356
Zhou, Q. X. 8173
Zhou, R. 4519
Zhou, S. G. 1503
Zhou, S. M. 3664
Zhou, W. 2624, 3163, 6902
Zhou, W. J. 981
Zhou, X. 5061, 6004, 6539, 8932
Zhou, X. D. 8600
Zhou, X. M. 7265
Zhou, Y. 2748, 5641, 9024
Zhou, Y. J. 41
Zhou, Y. S. 2829
Zhou, Z. D. 3377
Zhou, Z. G. 3872
Zhou Chang 691, 7764
Zhou ChunJiang 1663
Zhou DaFeng 5143
Zhou GuanYin 5072
Zhou GuiYing 3609
Zhou GuoQuing 3703
Zhou HaiYing 6792
Zhou HengChang 1691
Zhou Hong 6244
Zhou HongFei 6832
Zhou HongXian 77
Zhou HuaXin 8259
Zhou HuiXin 7288
Zhou JianHua 8862
Zhou KeJin 4773
Zhou LingDi 4466
Zhou MeiXue 2868
Zhou MingDe 8653
Zhou NaiJian 4751
Zhou PingZhen 7720
Zhou PuHua 635
Zhou QiMing 4356
Zhou QiXing 8173
Zhou Rui 4519
Zhou ShiGong 1503
Zhou SuMei 3664
Zhou Wei 3163
Zhou WeiJun 981
Zhou Xie 3787, 6004, 6539
Zhou XingDuan 8600
Zhou YiJun 41
Zhou Yong 2748, 9024
Zhou Yu 5641
Zhou YunSheng 2829
Zhou ZhaoDe 3377
Zhou ZhiGuo 3872
Zhu, C. 8156
Zhu, C. F. 3150
Zhu, D. F. 3006, 8968
Zhu, D. H. 5662, 6585
Zhu, D. M. 8475
Zhu, G. F. 2173
Zhu, H. D. 4773
Zhu, H. R. 5564
Zhu, H. X. 5103
Zhu, J. H. 161
Zhu, J. J. 3924
Zhu, J. X. 7263
Zhu, L. 4292
Zhu, M. 2277, 8115
Zhu, M. J. 1649, 2928
Zhu, M. Y. 8862
Zhu, Q. C. 1675
Zhu, Q. J. 8691
Zhu, Q. S. 250, 2316, 2988, 3860, 6470
Zhu, S. Q. 7798
Zhu, S. S. 3719
Zhu, S. X. 8251
Zhu, W. B. 6181
Zhu, W. Y. 2772
Zhu, X. H. 41, 4713, 7922, 8157
Zhu, Y. G. 3829, 4006, 5534, 6477, 8262
Zhu, Y. J. 3664, 6056
Zhu, Y. X. 4826
Zhu, Y. Z. 2998
Zhu, Z. H. 7975
Zhu, Z. L. 6274, 7920
Zhu, Z. X. 806
Zhu ChangFu 3150
Zhu Cheng 8156
Zhu DanHua 5662, 6585
Zhu DeFeng 3006, 8968
Zhu DeMing 8475
Zhu GenFa 2173
Zhu HaiRong 5564
Zhu HongDe 4773
Zhu HongXun 5103
Zhu JianHua 161
Zhu JianXin 7263
Zhu Ling 4292
Zhu MeiJun 1649, 2928
Zhu Min 2277
Zhu Ming 8115
Zhu MuYuan 8862
Zhu QiJang 8691
Zhu QingSen 250, 2316, 2988, 3860, 6470
Zhu QiuChao 1675
Zhu ShuQing 7798
Zhu ShuXiu 8251
Zhu SuSong 3719
Zhu WanBao 6181
Zhu WeiYun 2772
Zhu XianHao 41
Zhu XiaoHong 4713, 8157
Zhu XiuHua 7922
Zhu YiGui 3829
Zhu YingGuo 6477
Zhu YiZheng 2998
Zhu YouGuang 4006, 8262
Zhu YunJi 3664
Zhu YuXian 4826
Zhu ZhaoLiang 7920
Zhu ZhiHua 7975
Zhu ZhiLin 6274
Zhu ZiXi 806
Zhuang, J. P. 8213
Zhuang JiPing 8213
Zhuk, N. Ya. 7208
Zhuk, O. I. 64
Zhukov, A. V. 9283

Zhukov, Yu. P. 2765, 7693
Zhurba, T. P. 3021
Zi, R. Y. 9137
Zi RanYu 9137
Zia, M. S. 3832
Zia-ur-Rehman 5568
Ziauddin Ahmad 7065
Ziegler, J. 8058
Ziegler, P. 6242
Zielezińska, M. 7637
Zijp, M. van der 167
Zilinskas, B. A. 7763
Zima, M. 2797
Zimmerli, B. 2806
Zimmermann, F. J. P. 4676
Zimmermann, K. H. 8503
Zimmermann, S. 1332
Zimmermann, U. 3924
Zingsheim, O. 6053
Zinoni, F. 6202, 6219
Ziółek, W. 5706, 6664
Zipf, A. 5229
Zipoli, G. 4857
Zironi, R. 5134
Ziska, L. H. 1021, 3018, 3884, 4700, 5562, 6610
Złobecki, A. 12
Zlokolica, M. 3529
Žnidaršič-Pongrac, V. 1463
Zobel, A. 9409
Zocchi, G. 937, 2261
Zohry, A. H. A. 1749
Zoina, A. 3226
Zolghadr, M. 8000
Zollinger, R. K. 1536
Żolnowski, A. 7174
Zonta, E. 2981
Zorzoli, R. 1988
Zoschke, A. 1632
Zotikova, A. P. 1578, 2693
Zou, C. 366
Zou, C. Q. 3219, 9223
Zou, G. Y. 2277, 8115
Zou, Q. 1524, 3660, 4500, 6790, 7941, 7976
Zou, X. J. 634, 7347
Zou, Y. J. 5670
Zou ChunQin 3219, 9223
Zou GuoYan 2277, 8115
Zou Qi 1524, 3660, 4500, 6790, 7941, 7976
Zou XiaoJu 7347
Zou XuJiu 634
Zou YongJiu 5670
Zountsas, G. 4168, 5813
Zribi, M. 7031
Zrůst, J. 571, 1921, 2513, 4937, 4939, 4947, 8455
Zsoldos, F. 997, 3843, 6236
Zubal, P. 6940
Zubkov, V. V. 1903
Zubkova, E. K. 6992
Zubkova, N. K. 9361
Zubr, J. 7744
Zufa, K. 1590
Zuffellato, F. 9307
Zuily-Fodil, Y. 2429
Żukowska, G. 7245-7246
Zúñiga, G. E. 6313
Zúñiga, J. J. 6380
Zuo, D. F. 3600, 4515
Zuo DongFeng 3600, 4515
Zur Nieden, U. 9196
Żurawska, B. 2843
Żurawski, H. 9539
Zvereva, E. A. 8635
Zwanepol, S. 2722, 7893
Zwart, K. B. 8642
Zwingelberg, H. 4521-4522
Zygadlo, J. A. 5696-5697

SUBJECT INDEX

Abscission, reviews 8662
Accumulation, proline, reviews 8645
Adzuki beans *(see Vigna angularis)*
Aegilops kotschyi
energy relations 1511
enzymes, malate dehydrogenase 1511
photosynthesis, water stress 1511
water stress 1511
Africa, cotton, cultivars 1261
Africa South of Sahara
farming systems
energy sources 1425
mixed farming 1425
Agricultural land, remote sensing, land productivity 7029
Agricultural meteorology *(see also* Climate; Climatic change; Evapotranspiration; Precipitation; Solar radiation; Wind)
Argentina 5349, 6136
Australia 2715
cereals 5611
computer software 1429
cotton 3366
India
Haryana 3478
Maharashtra 8694
maize 2877, 3807
models 956
models 1429
Poland 2713
rice 1017
Romania 7132, 7852
soyabeans 9147
wheat 2809, 3807
Agricultural research
farming systems, sustainability 3536
field experimentation 9542
Mauritius 2718
Nepal 3562
Agriculture
dictionaries 3561
thesauri 3561
Agroforestry
Brassica juncea 4361, 8555
Cajanus cajan 4360, 4367, 6084, 9476
Cicer arietinum 4361
Colocasia esculenta 4225
cotton 4367, 9476
Lablab purpureus 4361
maize 2883, 5191, 8021, 8385
Kenya 156
Zambia 2878
millets 7398
North America 3554
Pennisetum glaucum 4367, 6084, 9476
rice 3814
Bangladesh 8101
Ricinus communis 4360
sesame 2603
sorghum 4367, 9476
soyabeans 4367, 5191, 9476
sunflowers 4360, 6084
sweet potatoes 5191
USA, reviews 3535
Vigna unguiculata 1834, 8385
wheat 5260, 6157
Bangladesh 8101
India, Uttar Pradesh 6159
Air pollution
acid rain
barley 5612
buckwheat 7862
groundnuts 8289
Lablab purpureus 7862
Phaseolus vulgaris 4102, 7862
rice 3024, 3878, 7862
soyabeans 8289
triticale 5612
wheat 5612
ammonia
Amaranthus caudatus 2918
maize 2918
Phaseolus vulgaris 2095
soyabeans 2095

Air pollution *cont.*
ammonia *cont.*
sugarbeet 2095
sunflowers 2095
wheat 2095, 6272
books 795
carbon dioxide 7821
barley 7878
maize 7878
oats 7878
peas 7878
Phaseolus vulgaris 7878
potatoes 7878
rape 7878
reviews 5237
sorghum 7878
soyabeans 7878
sugarbeet 7878
sunflowers 7878
tobacco 7878
wheat 7878
cement dust
Cajanus cajan 7601
soyabeans 7601
Vigna mungo 7601
Vigna radiata 7601
Vigna unguiculata 7601
cigarette smoke, wheat 4538
exhaust gases, maize 7301
fluorine
potatoes 2824
Triticum durum 2824
wheat 2824
heavy metals
barley 5214
fodder beet 5214
Linum usitatissimum 5214
maize 5214
oats 5214
potatoes 5214
rape 5214
rye 5214
wheat 5214
hydrochloric acid
Phaseolus vulgaris 2095
soyabeans 2095
sugarbeet 2095
sunflowers 2095
wheat 2095
hydrogen fluoride, wheat 3676
hydrogen sulfide
Phaseolus vulgaris 1531
wheat 1531
industrial wastes, soyabeans 5675
nitric oxide, peas 7500
nitrogen dioxide
soyabeans 9152-9153
wheat 1530
ozone 3523-3524
barley 148, 2874
Brassica campestris 3415
cotton 624, 4264, 5070, 7681
maize 2949, 5363
models 3522
peas 1119
Phaseolus vulgaris 3224-3227, 4100-4101, 7520, 8367
reviews 7859-7860, 8683
soyabeans 357, 2949, 4018
tobacco 2030, 2648, 3440-3442, 7763
Triticum durum 2822
Vicia faba 3204
wheat 1119, 2186, 3673-3676, 3679, 5363-5364, 7984, 8833
models 8831
polycyclic hydrocarbons, rape 2629
protectants 3524
Phaseolus vulgaris 3224-3226, 8367
tobacco 2648, 3441-3442, 7763
radionuclides
Phaseolus vulgaris 1531
Vicia faba 4072
wheat 1531, 4072
reviews 2094, 3524

Air pollution *cont.*
rice 3023
solvents
Phaseolus vulgaris 2095
soyabeans 2095
sugarbeet 2095
sunflowers 2095
wheat 2095
sulfur dioxide 3523
Phaseolus vulgaris 2095, 4854
soyabeans 2095
sugarbeet 2095
sunflowers 2095
wheat 2095, 2823, 5361
tritium, wheat 7985
Algeria, triticale, crop production 7171
Allelopathy
reviews 1405, 8678
rice, reviews 7867
sugarcane, reviews 7867
Vigna radiata, reviews 7867
Alley cropping
barley 8625
Cajanus cajan 2712, 6084, 8622
cassava 1586, 2712, 8622
Colocasia esculenta 4225
groundnuts 7459
maize 155-156, 902, 1582-1587, 2712, 7532, 8021, 8622
oats 8625
Pennisetum glaucum 1583, 6084
sunflowers 6084
sweet potatoes 4214
turnips 8625
Vigna unguiculata 7532
wheat 6159
Alocasia
mineral nutrition 4235
soil types, Western Samoa 4235
Alocasia macrorrhiza
enzymes, phosphotransferases 9518
leaves, enzymes 9518
Amaranthus
chemical composition 7887
crop husbandry 7887
crop production 7887
cultivars
Germany 5159
Poland 5159
ecology 7887
energy relations 8618
fertilizers
nitrogen 1342
phosphorus 1342
growth 7887
leaves, metabolism, nitrates 694
mineral uptake
aluminium 9538
iron 9538
manganese 9538
plant density 1342
production possibilities
Germany 5159
Poland 5159
roots, metabolism, nitrates 694
salinity 694
salt tolerance 694
seeds
composition
carbon 2099
nitrogen 2099
sulfur 2099
ultrastructure 7767
soil amendments, lime 9538
soil pH 9538
sowing date 8618, 8628
stems, metabolism, nitrates 694
taxonomy 7887
Amaranthus caudatus
absorption, ammonia 2918
air pollution, ammonia 2918
chemical composition, pectins 5161
enzymes, ribulose-bisphosphate carboxylase 6017

Amaranthus caudatus *cont.*
growth regulators, growth inhibitors 6114
leaves
metabolism 2918
nitrates 694
pH 2918
metabolism, ammonia 2918
photosynthesis
carbon pathways 6017
enzymes 6017
roots, metabolism, nitrates 694
salinity 694
salt tolerance 694
stems, metabolism, nitrates 694
Amaranthus cruentus
chemical composition, pectins 5161
dry matter distribution 5160
growth
growth period 5160
growth rate 5160
leaves
leaf area 5160
metabolism, nitrates 694
metabolism, ATP 2078
mineral nutrition, nitrogen 2078
photosynthesis
carbon pathways 2078
net assimilation rate 5160
roots, metabolism, nitrates 694
salinity 694
salt tolerance 694
stems, metabolism, nitrates 694
Amaranthus hypochondriacus
dry matter distribution 5160
enzymes
kinases 2649
malate dehydrogenase (decarboxylating) 2031
phosphoenolpyruvate carboxylase 2649
ribulose-bisphosphate carboxylase 2649
gene expression, light 2031
growth
growth period 5160
growth rate 5160
leaves
development 2649
leaf area 5160
photosynthesis, net assimilation rate 5160
seeds, composition, lectins 7766
Amaranthus mantegazzianus
leaves, metabolism, nitrates 694
roots, metabolism, nitrates 694
salinity 694
salt tolerance 694
stems, metabolism, nitrates 694
Amaranthus tricolor
fertilizers
nitrogen 4343
phosphorus 4343
plant density 4343
seeds
composition
nitrogen 4343
proteins 4343
Amaranthus viridis
enzymes, phosphoenolpyruvate carboxylase 1343
leaves, enzymes 1343
metabolic inhibitors
flavonoids 1343
shikimic acid 1343
Amorphophallus campanulatus
growth regulators
chlormequat 1947
gibberellins 1947
thiourea 1947
seed corms
soaking
growth regulators 1947
potassium nitrate 1947
sprouting 1947
Amorphophallus paeoniifolius
corms, dormancy breaking 5858
fertilizers
nitrogen 8469
potassium 8469
growth analysis 7656
growth regulators, maleic hydrazide 5010
light, interception 5009
Amorphophallus paeoniifolius *cont.*
plant density 5009, 7656
planting rates 7656
planting stock 5009, 7656
weight 8469
seed corms
losses 5010
moisture content 5010
production 5009
size 5009
sprouting 5010
storage 5010
treatment, growth regulators 5010
Amorphophallus rivieri
corms
composition
ferulic acid 2568
oleic acid 2568
dormancy 2568, 5859
growth regulators 2568, 5859
sprouting, inhibitors 2568
growth regulators
abscisic acid 2568, 5859
gibberellins 5859
phenolic compounds 2568
Anaerobiosis
reviews 4429
techniques 4428
Anoxia
barley, reviews 3928
rice, reviews 3928
wheat, reviews 3928
Apical meristems, apical dominance, mineral nutrition 7000
Apios americana, tubers, composition, glycoproteins 1190
Apparatus
aluminium foil 2027
field experimentation 9544
growth chambers 853
environmental control 2699-2700
sugarcane 6058, 6068
temperature 2699-2700
wheat 6277
light
far red light, measurement 760
red light, measurement 760
photosynthesis
gas exchange 7865, 9544
light 9544
measurement 760
plant morphology, measurement 9544
plastic film 2027
roots, mechanical properties, measurement 4834
space science 853
Arabidopsis thaliana
seeds
composition
fatty acids 3426
oils 3426
proteins 3426
Arachis hypogaea (*see* Groundnuts)
Arctic Regions
climate 5238
climatic change 5238
crop husbandry 5238
Argentina
agricultural meteorology 5349, 6136
Crambe, production possibilities 5983
crop husbandry 6136
Cucurbita foetidissima, production possibilities 5983
Cuphea, production possibilities 5983
Euphorbia lathyris, production possibilities 5983
Hibiscus cannabinus, cultivars 4269-4270
Lesquerella, production possibilities 5983
Limnanthes, production possibilities 5983
Linum usitatissimum, crop production 3543
Lupinus
cultivars 4130
production possibilities 4130
maize
crop production 3543
cultivars 197
Phaseolus vulgaris, cultivars 1809, 8357
potatoes, seed tubers, production 3302
Argentina *cont.*
reports
Estación Experimental Agro-Industrial 'Obispo Colombres' 783
Estación Experimental Agroindustrial 'Obispo Colombres' 4450
Instituto Nacional de Tecnología Agropecuaria 1434
rice, crop production 3543
Salicornia bigelovii, production possibilities 5983
Sapium sebiferum, production possibilities 5983
sorghum
crop production 3543
cultivars 6525
soyabeans
crop production 3543
cultivars 3956, 9109
production possibilities 9147
sugarcane, cultivars 6945, 7780
sunflowers, crop production 3543
sweet potatoes, cultivars 581
sweetcorn, cultivars 197
wheat
crop production 3543
cultivars 8767
Arracacia xanthorrhiza
fertilizers
borax 6803
magnesium 5008
nitrogen 5008
phosphorus 5008, 9346
potassium 5008
poultry manure 9346
planting stock 6802
Asia, soyabeans, crop production 2368
Australia
agricultural meteorology 2715
barley, yields 4449
cereals, cropping systems, constraints, reviews 2357
cotton, yearbooks 9578
farming systems, reviews 9484
land use, remote sensing 2705, 4444
legumes
crop production 6737
yields 4449
maize, yields 4449
New South Wales
Brassica juncea, production possibilities 5135
farming systems, sustainability, books 6154
Linum usitatissimum, production possibilities 5135
rape, production possibilities 5135
soyabeans, cultivars 7410
Northern Territory
farming systems, leys 9060, 9485
sesame, cultivars 2605, 4278
oats, yields 4449
oilseed plants, yields 4449
precipitation 2715
Queensland
Phaseolus lunatus, cultivars 5760
sorghum
crop husbandry 2329
cultivars 3045, 5581
sugarcane, cultivars 6946
wheat, cultivars 824-825
rape, cultivars 5962
reports
Australian Bureau of Agricultural and Resource Economics 4449
Australian Centre for International Agricultural Research 6137
Department of Primary Industry and Fisheries, Northern Territory 2118, 6141
Institute for Horticultural Development, Agriculture Victoria 2721
sorghum
agricultural research 2331
crop husbandry, models 2330
yields 4449
soyabeans, crop production 2368
Tasmania, *Cannabis sativa,* cultivars 1966
triticale, yields 4449

Australia *cont.*
Western Australia, *Cicer arietinum*, cultivars 7570
wheat, yields 4449
Avena (*see* Oats)
Avena nuda, rotations 2670
Azolla, chemical composition, minerals 7792
Bambara groundnuts (*see Vigna subterranea*)
Bangladesh
Brassica juncea, cultivars 6910
Cajanus cajan, cultivars 7548, 7555
Barley
accumulation, sulfadimethoxine 2873
acid base equilibrium, regulation 4578
air pollution
acid rain 5612
carbon dioxide 7878
heavy metals 5214
ozone 148, 2874
allelopathy 7705, 8676
alley cropping, *Eucalyptus* 8625
anoxia 83, 4754, 5407, 5419
reviews 3928
apical dominance 7388, 7396
atmospheric pressure 2693
biomass production 6294
carbon cycle, models 877
carbon dioxide enrichment 898-899, 4424, 5420, 6124, 7986, 8876
models 149, 7878
cells
cell membranes 5403
ion transport 2859
cell walls, enzymes 5408
enzymes 6321
ion exchange 5403
organelles 6337
plasma membranes, ion transport 6316
ribosomes 7198
regulation 8869
ultrastructure 6337
vacuoles 6337
ion transport 7189
pH 5403
solutes 894
uptake, herbicides 8007
chemical composition 7887
anthocyanidins, isolation, techniques 3722
arabinoxylans 8868
betaine 5410
cadmium 3504, 8861
carbon 2099
heavy metals 5214
lead 3504, 8861
lignin 5410
lithium 2684
mercury 3504
nitrogen 122, 877, 2099
phosphorus 2215, 9200
potassium 2215
putrescine 5410
sulfur 2099
trace elements 5215, 6098, 8867
trigonelline 5410
zinc 8861
chlorophyll
fluorescence 873-874, 2148, 6314, 7187, 8860
temperature 1574
chloroplasts
development 882
enzymes 1565, 3711, 7831, 8863
ion transport 3708
light intensity 1565
membranes 882
enzymes 3709
metabolism, protochlorophyllides 3708
oxygen 1565
thylakoids
temperature 1574
ultrastructure 1574
translocation, iron 3704
ultrastructure 882, 1567-1568
climatic change 8017
models 149, 4577, 5239, 7878
cold hardening 5219, 8014
coleoptiles, enzymes 3710

Barley *cont.*
companion crops 7897
computer software, expert systems 8001
continuous cropping 7998
cover crops
Lolium multiflorum 1558, 4556
Lolium perenne 4556
Phacelia tanacetifolia 1558
rape 1558
rye 1558
Sinapis alba 1558
Trifolium pratense 4556
crop husbandry 3918, 7887
Ethiopia 6301
crop management
expert systems 4579
Kenya, reviews 9086
crop production 7887
models 900
crop residues 7001
burning 8850
cropping systems, UK 6082
cultivars 5392
Denmark 6104, 8638
genotype environment interaction 4576
Italy 2140, 5395-5396, 6311, 8006
maturity stage 124
mixtures 2199
Romania 124
Slovakia 3514, 6304
UK 9088
USA, Georgia 1743
90BE32 2209
AC Albright 5398
Akcent 869
Amulet 870
Baretta 129
Callao 136
Centauro-INIA 138
Chieftain 2207
Chinook 133
Dash 2208
Empress 2209
Falcon 130
Giza-127 5399
Giza-128 5400
Jejubori 5397
Keunalbori 127
Leduc 134
Monarch 2210
NFC1243-11 2210
NFC902/909 2208
Pamunkey 137
Phoenix 131
PL426 1559
Saekangbori 128
Samdobori 126
Seebe 132
Shenmai-1 3702
Starling 135
cultivation
chiselling 9488
conservation tillage 3476, 7180
crop residues, incorporation 8850
date 7392
depth 6973, 7180
discing 3498, 8627, 9488
harrowing 8627
methods 2068, 3466, 7392
minimum tillage 2845, 7899, 8627
no-tillage 119, 764, 3498, 4558, 7899
ploughing 764, 3498, 5192, 7180, 7183, 7899, 8627, 9488
ridging 4558, 9488
stubble cultivation 7998
subsoiling 5192
cutting 867, 2840, 6294, 7388, 7396
cutting date 6295
damage, mechanical damage 5419
diseases 4442, 7795
Cochliobolus sativus 7402, 7940, 8857
Erysiphe graminis 898-899, 2199, 2863, 4564
Pyrenophora teres 8850
Pythium paddicum 2867
Ustilago segetum var. *nuda* 7402, 7940
drainage 8851
dry matter accumulation 2797, 6294

Barley *cont.*
dry matter accumulation *cont.*
growth stages 5320
ecology 7887
energy relations 3539
energy requirements 3467
enzymes
acetolactate synthase 8008
acid phosphatase 2863, 3710
adenosinetriphosphatase 2858, 5418, 7191, 7204
alcohol dehydrogenase 2693
alkyl (aryl) transferases 4563
aminotransferases 2864, 7193
ammonia-lyases 3707
amylases 890, 3714, 3718, 4571
carboxy-lyases 3707
chlorophyllase 3709
cofactors, determination 7206
cytochrome-c oxidase 7194
endopeptidases 142
esterases 2863
β-fructofuranosidase 2687, 4754, 6317, 6320, 6326
fructokinase 83
fructose-bisphosphatase 2864
β-glucanase 5408, 6321
glucokinase 83
glucose-6-phosphate dehydrogenase 2693
glutamate-ammonia ligase 880, 2213, 2864
glutamate synthase 2864
glyceraldehyde-3-phosphate dehydrogenase 2693
glycosidases 6320, 6326
glycosyltransferases 886
hexosyltransferases 6320, 6326
hydro-lyases 3707
inhibitors 889, 2858, 3710, 6110, 7197
isocitrate dehydrogenase 2693
kinases 83
ligases 878
lipoxygenase 885
malate dehydrogenase 2693
NADH dehydrogenase 3711
nitrate reductase 884, 897, 2876, 5407, 7194, 7618, 8874
determination 7206
oxidoreductases 2865, 3708, 7186, 7193
peroxidases 2863, 6324
phosphoenolpyruvate carboxykinase 883
phosphoenolpyruvate carboxylase 883-884, 2693
phosphoprotein phosphatase 6323
phosphoric monoester hydrolases 889
phosphotransferases 2866
protein kinase 887, 6322
proteinases 7831
ribulose-bisphosphate carboxylase 899, 1562, 1565, 2864, 6110, 7195, 7986
RNA polymerase 887-888
sucrose synthase 83, 4754, 6325
transferases 8011, 8863
establishment, undersowing 7392
etioplasts
cryopreservation 1564
enzymes 1564
metabolism 1564
evapotranspiration 1566, 7202
models 8871
farming systems
alternative farming 7385, 7795
energy relations 3539
integrated systems 3472
organic farming 2797, 3472, 3504, 4557
traditional farming 2797, 3504
fertilizers 2072, 3466
application methods 7184, 8016
boron 2200, 5394, 6306
requirements 2200
composts 7816, 7983
copper 6307
crop residues 4378

Barley *cont.*
fertilizers *cont.*
farmyard manure 725, 2137, 2674, 2850, 3487, 5296, 6189, 7182, 7998, 8637
residual effects 2359-2360, 3486
humates 2206
magnesium 5405, 6098, 6306, 6543
manganese 3706
foliar application 4562
manures 2873, 6972, 9290
nitrogen 120-122, 756, 877, 1557, 1566, 2204, 2360, 2674, 2844-2845, 2847, 2849-2850, 2853, 3486, 3488, 3514, 3700, 5296, 5390, 5392, 6097-6098, 6183, 6189, 6252, 6305, 6335, 6355, 6543, 6987, 7001, 7182-7183, 7185, 7200, 7392, 7816, 7998, 8002, 8004-8005, 8853-8854, 8876, 9087, 9491
application date 1550, 2203, 4484, 5285
application methods 119, 4484
foliar application 1555, 7388, 7396
formulations 2760
models 4577
requirements 5284, 7809
residual effects 2359
sources 118-119, 326, 868, 5285
use efficiency 326, 387, 774, 2203, 3493, 5284, 7809, 8003, 8855
NPK fertilizers 725, 2071, 2137, 2206, 2853, 3487, 3701, 4378, 5393, 7183, 8637
organomineral fertilizers 6183
phosphorus 121, 1557, 2217, 2360, 2674, 2850, 3486, 5296, 5405, 6098, 6172, 6183, 6305, 6355, 6543, 6973, 6986-6987, 7190, 7235, 7392, 8852-8854, 9087, 9493
requirements 2875, 7810
residual effects 2359
sources 868, 2205, 7631
use efficiency 774, 3493
pig slurry 3493, 7183
application date 122, 4484
application methods 4484
use efficiency 122
potassium 121, 868, 2674, 2850, 3486, 6098, 6183, 6305, 6543, 6987, 7392, 8853-8854, 9087
residual effects 2359
use efficiency 774
requirements 3487, 8001, 9490
seaweeds 8636
sewage sludge 123, 727, 5199, 5371
use efficiency 8855
sludges 7998
sodium humate 2853, 3701
straw 6189
sulfur 6543, 8002
trace elements 6183
zinc 7235
field experimentation, experimental design 4541
flowering 2868
flowers, lodicules 2868
frost resistance 5219, 6313
cultivars 5612
fungicides 4565
propiconazole 2359, 8850, 8857
triadimenol 6303
gene expression
growth regulators 889, 891, 2220, 4570
hypoxia 8009
light 6323
genotype environment interaction 125
grain
aleurone cells
composition, inositol phosphates 2222
desiccation 3714
enzymes 3714
growth regulators 3714
composition 6333
ash 2205

Barley *cont.*
grain *cont.*
composition *cont.*
ash *cont.*
determination, techniques 5414
estimation 5415
cadmium 23, 121, 3701
calcium 2205, 6310, 8853
carbohydrates 2869
cellulose 2205
copper 6189, 6307, 6543
β-glucan
determination, techniques 5414
estimation 5415
glucans 8857
heavy metals 2225
inhibitors 7197
iron 6189, 6307, 6543
magnesium 2205, 6310, 8853
manganese 6189, 6543
nitrogen 2205, 2853, 3488, 4567, 5285, 6319, 7200, 8010, 8853
oils 8630
phenolic compounds 2869
phosphorus 2205, 8853
potassium 2205, 6310, 8853
proteins 1744, 2205, 2869, 5392, 5413, 6295, 6319, 7200, 8630, 8850, 8853-8854
determination 8866
techniques 5414
estimation 5415
prediction 6252
sodium 6310
starch 8854
determination, techniques 5414
estimation 5415
trace elements 6987
zinc 6189, 6543
endosperm, composition, enzyme inhibitors 1570
enzymes 6324
filling 6294
maturation 5411
metabolism 8010
moisture content, determination 8866
position 5416
quality 6305
malting quality 3514, 4559, 5392, 5413, 6252
milling quality 6333
size 5392
weight 2201, 8630
gravity 6336-6337
greening 1578, 6318
growth 7887
carbon dioxide 898
diseases 898
models 145, 4577, 6078
salinity 896
growth analysis 2797, 6294, 7983
growth regulators 3695
abscisic acid 141, 144, 889-891, 2220, 2867, 3719, 4568-4569, 4571, 5409-5410, 6313, 6319, 8865
aminobenzotriazole 8870
benzyladenine 3719, 5410
binding sites 887
chlormequat 1554, 2359, 2848, 7388, 7396
choline 5410
cytokinins 3719
2,4-D 6319
ethephon 1555, 2359, 2848, 6976
gibberellins 886, 890, 2869, 3714, 4568-4571, 5411, 6319, 7388, 7396
growth inhibitors 5412, 6976
growth retardants 1553-1554, 6330
humic acids 6331
IAA 5406
imidazoles 6303
jasmonic acid 1568, 2219, 8864
kinetin 2221, 6319
linolenic acid 8864
methyl jasmonate 3713

Barley *cont.*
growth regulators *cont.*
Mixtalol 8002
monoethanolamine 4560
phenolic acids 8863
prohexadione 4478
salicylic acid 2867
Stymulen 1555
triacontanol 8002, 8852
triapenthenol 4560
zeatin 1567, 8870
binding proteins 888
binding sites 887
zeatin riboside 1567
hail damage 9093
harvesting
damage 117
harvesting date 2133, 8630
harvesting losses 2133, 2202, 3067, 4561, 7807, 8630
machinery 117, 2133, 3067, 7807
heat shock 7203, 8872
herbicides
amitrole 882
application date 6312
bromoxynil 7185
chlorsulfuron 44
2,4-D 1560, 2359, 7181
dicamba 1555, 1560, 2359
dichlorprop 6312
diclofop 1560, 7185
diuron 1565
flurenol 1555
fluroxypyr 1560
glyphosate 871, 4563
MCPA 1555, 1560, 6312
metoxuron 7185
paraquat 8856
phenmedipham 2855
primisulfuron 8007
prosulfuron 3069
quizalofop 2855
resistance 8856
thifensulfuron 8008
translocation 8856
tribenuron 1560, 6312
hypoxia 1578, 5407, 8009
in vitro culture
anther culture 8870
embryo culture 7199
growth regulators 8870
protoplasts 2871
regeneration 893, 2871, 3717, 7199, 8870
somatic embryogenesis 893
insecticides
deltamethrin 2359
formothion 2211
phosphamidon 2211
intercropping
Medicago lupulina 1549
Medicago polymorpha 1549
Medicago truncatula 1549
peas 387, 2066, 5190
Vicia faba 5390
irradiation
gamma radiation 110, 3717
microwave radiation 3920
ultraviolet radiation 759
irrigation 877, 1566, 2844, 5277, 6973, 8001
irrigation requirements 6094
irrigation scheduling 5391
saline water 896
waste water 1552
land evaluation 1556
leaf area index 6294, 7396
leaves
anatomy 3715-3716
canopy
estimation 2227
reflectance, models 8428
cells
plasmodesmata 4566
turgor 3712
vacuoles, ion transport 2223
chloroplasts 6334
composition
betaine 895
carbohydrates 6317
chloride 895

Barley *cont.*
leaves *cont.*
composition *cont.*
chlorogenic acid 110
chlorophyll 3705, 4389, 7188
fructans 6326
minerals 4389
nitrogen 7188
proteins 5219, 7986
putrescine 3719
sodium 895
spermine 3719
development 8858
emission, ammonia 880
enzymes 886-888, 899, 2687, 2865, 3707-3708, 6317, 6320, 6326, 7193-7195, 7618, 7986
epidermis 6317
gas exchange, ammonia 892
greening 1567
growth 886, 5360, 8858
growth regulators 887-888, 8864
leaf age 895
mesophyll 6317
metabolism 888, 2212, 2874, 3707, 3713, 5219, 6317, 6320, 6326, 7193, 8859, 8863-8864
roots, growth 2860
senescence 1567, 6314, 7986, 8864
spectral data 4389
stomata 2870, 4573
stomatal resistance 2219, 8860
thickness 7188
translocation, carbohydrates 6317
treatment
potassium phosphate 2863
salicylic acid 2863
Tween 20 2863
uptake, herbicides 2855
vacuoles, ion transport 7189
vascular bundles 6317
water potential 3712, 8652
water relations 8858
light 883-884, 1572, 3704, 5407, 8011
blue light 6323
red light 6323
white light 6323
light intensity 1225, 1571, 8013
lodging
growth regulators 5412
resistance 1553
metabolic inhibitors 2859
metabolic regulators
calcium 4569
calmodulin 4569
metabolism
amino acids 4563
aminolevulinic acid 7193
ascorbic acid 881
carbohydrates 2363, 3928
carotenes 1569
carotenoids 882, 2212, 8864
chlorophyll 1564, 2212, 3709, 6318, 8636, 8863-8864
enzymes 5407
fructans 6317, 6320, 6326
glutathione 5494
glyoxylic acid 2864, 3703
growth regulators 5406
heat shock proteins 7203
herbicides 3069, 5494
lipid peroxidation 8014
mycotoxins 4396
nitrogen 897, 8874
nucleic acids 888
phenolic compounds 3713
phosphorylation 889, 6328
pigments 2874, 3707
plant pigments 5404
proteins 141, 883, 889, 1564, 2863, 2876, 5219, 6321, 8010, 8014, 8859
protoporphyrin 6318
siderophores 7192
mineral nutrition 9490
aluminium, toxicity 1577, 2216-2217, 8862
boron, deficiency 2200
cadmium 8859
toxicity 2224, 8860-8861
caesium, toxicity 3707

Barley *cont.*
mineral nutrition *cont.*
chloride 2214
foliar diagnosis, techniques 3705
iron 2861
deficiency 878, 4389, 6318, 7192
lead, toxicity 2224, 8861
lithium 2684
magnesium, deficiency 4389
manganese 3706, 6318
deficiency 4389
toxicity 7825
nickel 8859
nitrate 2214
nitrogen 387, 877, 2363, 2862, 2876, 3719, 5320, 6319, 6335, 8876
cultivars 5392
deficiency 879, 8858
determination 1744
sources 140, 880, 2213, 3706, 7191
phosphorus 7947
deficiency 6320
potassium 2860, 7947
sodium 2684
sulfur 8860
deficiency 4389
zinc 7247, 8859
toxicity 8861
mineral uptake 9490
aluminium 118, 9538
arsenic 6308
boron 2200, 5394, 6306
cadmium 23, 121, 123, 2853, 5371
calcium 2872, 6309
chlorides 6309
copper 123, 6308
iron 2861, 9538
lithium 2684
magnesium 6306
manganese 118, 5405, 9538
nickel 123
nitrogen 119, 122, 140, 727, 879, 897, 2071, 2203, 2363, 2852, 2862, 3488, 3701, 4578, 5394, 6319, 6331, 7001, 7400, 8003-8005, 8010, 9200
sources 2306
phosphorus 2215, 2852, 5371, 6331, 7400, 8811, 9200, 9493
models 7190
potassium 1576, 2215, 2872, 3718, 3921, 6309, 6331, 7400, 9200
sodium 2872, 3718, 6309
sulfates 6309
trace elements 6331, 6987
zinc 123, 5371, 5405, 7247
mixed cropping 9479-9480
multiple cropping 2669
mycorrhizas 7400
Glomus intraradices 2875, 3721
nitrogen balance 4365, 9281
nitrogen cycle, models 877
nitrogen fixation 150
rhizosphere 335
pesticides 3695, 4564
pests 4442
Diuraphis noxia 2148
Gryllotalpa 2856
Rhopalosiphum maidis, control 2211
Rhopalosiphum padi 4560, 6313
Schizaphis graminum 6313
photoperiod 2365, 6329, 7201, 8873
photosynthesis 2219, 2797, 2860
air pollution 2874
carbon dioxide 898-899, 1562
carbon dioxide enrichment 7986
carbon pathways 7188
diseases 898-899
electron transfer 8872
enzymes 1562, 2864, 7186
gas exchange 2693
heat stress 874
light 1572
light harvesting complexes 874, 1573-1574, 2212, 5402
light intensity 1225
mineral nutrition 8860
photoinhibition 8014
photosystem I 1563, 6314

Barley *cont.*
photosynthesis *cont.*
photosystem II 873-874, 2148, 5402, 6314, 7187, 8860, 8872
salinity 896, 7204
temperature 1225, 1572, 1575, 8014, 8872
water stress 1562
plant competition 1551
weeds 764, 831, 4495, 5401, 6312
plant density 117, 3700, 5401, 9479-9480
models 1551
plant development 6329
fertilizers 2849
photoperiod 2365, 7201
temperature 2365
plant height 1553, 8004
pollen
temperature 5420
viability 5420
pollution
arsenic 6308
cadmium 3701, 8875
copper 6308
fluoranthene 5404
heavy metals 2225, 7205
radionuclides 1747
sulfadimethoxine 2873
precipitation 2201, 2847, 5359, 7202
protoplasts
composition, calcium 883
enzymes 883-884
isolation 2871
metabolism 883, 3703
respiration
carbon dioxide enrichment 3703
electron transfer 3703
inhibitors 3703
photorespiration 3703
reclamation 9537
remote sensing 7032, 8018, 8428, 8877
identification 6127
reflectance 9549
salinity 5417
respiration 8009
photorespiration 2864
reviews 2857
temperature 1575
root exudates
nitrate 7191
nitrogen 2862
siderophores 7192
root shoot ratio 9091
root systems 6327
roots
accumulation
amides 3721
phenolic compounds 3721
anoxia 897
cell division 2216
cell membranes
ion transport 3921
plasma membranes
enzymes 2858, 5418
ion transport 2858
cells, turgor 3924
composition
adenosine phosphates, isolation, techniques 2226
alanine 5419
amino acids 879
γ-aminobutyric acid 5419
cadmium 3701
copper 6307
glutamic acid 5419
growth regulators 3719
iron 6307
sugars 5419
depth 2840
distribution 2840
enzymes 878, 880, 897, 2213, 5407
growth 2217, 6337
dynamics 146
growth regulators 6976
seed treatment 6976
ion transport 5403
meristems 6336
metabolism 897
proteins 147
pH 5403

Barley *cont.*
roots *cont.*
plasma membranes
enzymes 7191
ion transport 7191
respiration 879
root hairs 8811
salinity 5403
siderophores 2861
uptake
mannose 2215
phosphorus 2215
potassium 2215
water potential 8652
rotations 2670, 3476, 3479, 4359, 6964, 7385, 7795
Bromus catharticus 2844
chicory 2844
fallow 5296
fodder crops 773-774
Linum usitatissimum 6302, 7999
maize 773-774, 2062, 2068, 6302, 6305, 7999, 8849
Medicago sativa 2844
models 6078
oats 6302, 7899, 7999
potatoes 7899, 8637, 8849
rape 3479
rye 8849
soyabeans 773-774, 2068, 6302, 7999
sugarbeet 9290
Trifolium pratense 7899, 8637
Vicia sativa 6302, 7999
wheat 2068, 3479, 7899, 7998, 8637
salinity 147, 894-896, 1576, 2872, 3712, 3718-3719, 4575-4576, 5403, 5417-5418, 7204, 8015, 8874
soil amendments 6309-6310
salt tolerance, cultivars 147
seed certification 7402
seed injury 117
seed inoculation
bacteria 335
cyanobacteria 335
Glomus fasciculatum 7400
Glomus mosseae 7400
Glomus versiforme 7400
Pseudomonas cepacia 7181
Pseudomonas putida 6976
seed purity 7402
seed quality 7402, 7940
seed testing 7402
seed treatment
amino alcohols 4572
coatings 5610
fungicides 3919, 4369, 6303, 7940
growth regulators 2221, 6303
humic acids 3699
insecticides 2856
irradiation 110, 3920
osmotic pretreatment 5610
soaking 3718
seedlings
cell walls, enzymes 5408
chloroplasts, enzymes 8011
cold hardening 4574
composition, proteins 4572
emergence 1550-1551, 2846, 3920
seed treatment 5610
enzymes 7194
etioplasts, enzymes 8011
frost resistance 4574
greening 1569
growth 2214
heavy metals 2224
leaves
composition
carotenoids 1578
chlorophyll 1578
metabolism 6318
water content 2363
water uptake 2363
winter kill 4574
seeds
aging 5610
aleurone cells 889
composition
calmodulin 890
heat shock proteins 7203
inositol phosphates 2222
myo-inositol 6332

Barley *cont.*
seeds *cont.*
aleurone cells *cont.*
composition *cont.*
nucleic acids 890
desiccation 3714
enzymes 889, 3714, 4571
growth regulators 889, 3714, 4568-4571
ion transport, potassium 876
metabolic inhibitors 4569, 8009
metabolism 889, 7203
pH 4568
respiration 8009
ultrastructure 4571
anoxia 83, 4754
composition
ash, estimation 5415
carbon 2099
β-glucan, estimation 5415
inhibitors 7197
nitrogen 2099, 2214, 2363
proteins 1550
estimation 5415
starch, estimation 5415
sugars 2218
sulfur 2099
dormancy 876, 4571, 7196, 7198
dormancy breaking 743
fungicides 4565
growth regulators 5409
endosperm
composition, enzyme inhibitors 1570
development 8012
enzymes 2866, 6322
enzymes 83, 142, 890, 3718, 4754
germination 876, 7198
air pollution 2874
anoxia 3928
damage 117
enzymes 142, 885
fertilizers 6306
fungicides 4565
growth regulators 2220, 5409, 5411
heavy metals 2224
inhibition 144
light 144
metabolism 3928, 6328
proteins 141
salinity 8015
seed treatment 3699, 3718, 3919-3920, 5610, 6303, 7181
space science 6336
translocation, sugars 2218
water stress 144, 4572
growth regulators 141, 144
harvesting 117
imbibition 5610
growth regulators 5411
maturation 5411
metabolism 2363
carbohydrates 83
proteins 141
position 5416
provenance 6304
size 1550, 2846, 5320
temperature 141
viability 7196
vigour, seed treatment 5610
water content 2363
water stress 141
water uptake 2363
weight 2201
senescence 4567
shading 1571
growth stages 7200
shoots
composition
alanine 5419
aluminium 1577
amino acids 879
γ-aminobutyric acid 5419
glutamic acid 5419
nitrogen 4576
phosphorus 1577
sugars 5419
enzymes 880
growth, dynamics 146
removal 5407

Barley *cont.*
soil 4359
aluminium 118
calcium 2137
manganese 118
nitrogen 121, 2137, 3514, 4557, 5359, 6097, 6252
phosphorus 121, 2217, 5359, 6986, 7947
potassium 121, 7947
trace elements 6987
soil amendments
calcium carbonate 6308, 6310
calcium chloride 6310
clinoptilolite 6309, 7247
gypsum 6310
humates 2852
hydroxides 6308
hydroxyapatite 7247
lime 23, 2137, 2851, 3498, 4378, 5405, 5447, 6973, 7247, 8637, 9290, 9538
application methods 8763
phosphogypsum 6309
sulfuric acid 6310
soil compaction 3720, 5360, 7858, 8016, 9200
soil conservation 3466
soil fertility 6319, 9537
soil inoculation, *Pseudomonas,* strains 150
soil pH 118, 1577, 2851, 6308, 9538
soil physical properties 756
soil properties 7184
soil structure 3720, 6327
soil types 7983
soil water 6252, 8652
soil water content 2797
solar radiation 8873
sowing date 145, 866-867, 2201, 2846, 3700, 4559, 7897, 8000
sowing methods 3466, 3487, 5194
broadcasting 4558
oversowing 4558
sowing rates 866-867, 2847, 3700, 5194, 6172, 6305, 7388, 7396, 8854
space science 6336-6337
spacing 6172
models 1551
spikelets
awns, length 5416
development 8876
position 5416
spikes
abscission 8013
development 8013
gas exchange 872
photosynthesis 872
stand characteristics 4561
stems
composition
calcium 2851
cellulose 5412
hemicelluloses 5412
lignin 5412
sugars 8876
growth 6330
straw
composition
cadmium 3701
calcium 6310
copper 6189, 6307, 6543
heavy metals 2225
iron 6189, 6307, 6543
magnesium 6310
manganese 6189, 6543
potassium 6310
sodium 6310
trace elements 6987
zinc 6189, 6543
incorporation 7998
stubble, incorporation 7998
taxonomy 7887
temperature 1225, 1572, 1575, 2365, 2847, 4424, 4567, 5419-5420, 6317, 7196, 8014, 8872
heat sums 2201, 6295, 8873
models 149
threshing 2202
tillering 5393, 5420, 7388, 7396

Barley *cont.*
translocation
calcium 4575
fluoranthene 5404
iron 3704
isotope fractionation 5320
nitrogen 140, 6319, 8003-8004
phloem loading 4566
photosynthates 139, 875, 1553, 2687
source sink relations 139, 2214, 4567, 8010
water relations 875
transpiration 3924
models 6327, 8871
vernalization 7201
water balance 1566
models 8871
water relations 8652
models 6327
water stress 877, 2797, 2860, 4572-4573, 5410, 6335
water uptake 143, 2214
water use 725, 2840
water use efficiency 2860
growth stages 5320
weather 328
models 6312
weed control
chemical control 871
cultivation 764, 1561, 4564
cultural control 4495, 7184, 8849
fertilizers 7184
herbicides 44, 1561, 2854, 4495, 4564, 7185
manual weed control 7185
weeds 4442, 7795
Chenopodium album 1560
Lamium purpureum 1560
Matricaria 1560
Phalaris brachystachys 831
Phalaris minor 831
Viola arvensis 1560
wheel tracks 756
winter kill 2201, 5969
cultivars 5612
xylem
plasma membranes, ion transport 6315
pressure 3924
yield components 125, 5393
yield correlations 2201, 8849
yield losses, reviews 767
yields
Australia 4449
models 6078
Belarus, maize, cultivars 920
Belgium
Centre for Agronomic Research, reports 785
peas, cultivars 3173, 4815
Phaseolus vulgaris, cultivars 4815
sugarbeet, cultivars 7615
triticale
crop husbandry 7170
cultivars 7170
Beniseed (*see* Sesame)
Beta, space science 1416
Beta vulgaris (*see* Fodder beet)
Beta vulgaris var. saccharifera (*see* Sugarbeet)
Bibliographies
potatoes, Poland 2560
sorghum
grain
composition 5257
quality 5257
Bioenergy, books 8704
Biomass production, books 8704
Biophysics, books 2738
Black gram (*see Vigna mungo)*
Boehmeria nivea
enzymes
catalase 8507
peroxidases 8507
superoxide dismutase 8507
fertilizers
nitrogen 3377
potassium 1272, 3377
trace element fertilizers 4272
fibres, quality 3377

Boehmeria nivea *cont.*
growth regulators
brassinolide 8507
gibberellins 8507
triazoles 634
in vitro culture
protoplasts 635
regeneration 635
leaves, enzymes 8507
mineral uptake
nitrogen 1272
potassium 1272
rooting, growth regulators 634
seeds
artificial seeds
germination 4273
storage 4273
Bolivia, maize, cultivars 2903-2905
Books
air pollution 795
bioenergy 8704
biomass production 8704
biophysics 2738
buds, dormancy 2735
carbon dioxide enrichment 9579
cells
cell membranes 4460
peroxisomes 3560
cereals
grain, quality 2126
South East Asia 7887
Cicer arietinum 2127
climatic change 796
Europe 2130
cotton 793
crop production 8709
acid soils 1445
cropping systems, shifting cultivation 7892
cultivars, identification 7888
cultivation, no-tillage 5256
dictionaries 7889
ethnobotany 2128
farming systems
sustainability 9582
Australia, New South Wales 6154
fertilizers, nitrogen, requirements 8705
field experimentation, experimental design 3558
groundnuts, pest control 2129
growth regulators 7891
in vitro culture 4458, 8712
leaves, cuticle 2734
light 7891
Lupinus albus, growth 2733
Lupinus angustifolius, growth 2733
Lupinus luteus, growth 2733
metabolism 5254
antioxidants 4459
carbon 9580
electron transfer 4459
nitrogen 9580
oxygen 4459
mycorrhizas 8708
nitrogen fixation 8708
nodulation 8708
Pachyrhizus ahipa 791
Pachyrhizus erosus 791
Pachyrhizus tuberosus 791
photosynthesis 1446, 2736
environmental factors 2737
plant nutrition 8711
nitrogen 8705, 8710
potassium 9581
plant physiology 5254
environmental factors 3559, 5253
stress factors 3559
potatoes
crop husbandry 5251
growth, models 5252
rice, farming systems, sustainability 7055
salinity 794
salt tolerance 794
seed technology, glossaries, languages 6153
seeds
anatomy 7890
dormancy 2735
signal transduction 7891

Books *cont.*
sorghum
grain
composition 5257
quality 5257
sugarbeet, remote sensing 792
taxonomy 8706-8707
vegetative propagation, micropropagation 4458
wheat 7054
grain, quality 8703
Botswana
Pennisetum glaucum, cultivars 3055
sorghum, cultivars 3034, 6524
Brassica
chemical composition, glucosinolates, reviews 3427
evaporation 4325
leaves, anatomy 6926
photosynthesis 6923
anatomy 6926
roots
distribution 8715
length 8715
sowing date 4325
taxonomy 3528
temperature 4325
Brassica campestris
air pollution, ozone 3415
allelopathy 2690
chemical composition
antinutritional factors 9431
oils 9431
starch 5113
sugars 5113
cold hardening 5113
composition
oils 5111
proteins 5111
cotyledons, composition, chlorophyll 1313
cultivars, AC Sunbeam 9416
dry matter accumulation 7737
enzymes, peroxidases 3414
fertilizers
composts 3497
crop residues 3497
nitrogen 2013, 5111, 6904, 7737
sewage sludge 727, 3497
sulfur 5111, 6904
flowering
flowering date 2634
water stress 9433
flowers, composition, glucosinolates 5972
frost injury 5113
frost resistance 5113
growth regulators, growth inhibitors 1313
heat resistance 5113
heat shock 5113
intercropping, potatoes 2061
irradiation, ultraviolet radiation 3415, 6907
leaf area index, water stress 9433
leaves
composition, nitrogen 2016
enzymes 3414
growth 7737
removal 8574
metabolism
starch 5113
sugars 5113
ultraviolet radiation 3415
mineral nutrition 8575
mineral uptake 8575
nitrogen 727, 6904
sulfur 6904
photosynthesis 2016
plant density 5111, 6904
pods, growth 7737
pollination 6907
roots, growth 1313
salinity 5113
salt tolerance 5113
seed inoculation, *Rhizobium leguminosarum,* strains 1309
seed treatment, waste water 8564
seeds
composition
fatty acids 6899
glucosinolates, estimation 5112
oils 2634, 6899

Brassica campestris *cont.*
seeds *cont.*
composition *cont.*
proteins 6899
development 2634
filling 2634
germination
inhibitors 3497
seed treatment 8564
metabolism, fatty acids 7734
soil amendments, crop residues 9499
sowing date 7745
stems, growth 7737
sterility, male sterility 6905
temperature, heat sums 9417
transpiration, sowing date 7745
water stress 5113, 9433
waterlogging 5113
weed control, cultural control 9499
yield components 2013, 8574
Brassica campestris var. oleifera (*see* Rape)
Brassica campestris var. rapa (*see* Turnips)
Brassica campestris* var. *sarson
cultivation, ploughing 674
enzymes, peroxidases 2009
fertilizers, NPK fertilizers 5110
growth regulators
benzyladenine 2009
IAA 2009
NAA 2009
in vitro culture
enzymes 2009
growth regulators 2009
regeneration 2009
insecticides, endosulfan 2009
leaves
composition, chlorophyll 673
leaf area index 673
mulches
crop residues 674
soil 674
straw 674
plant density 1312
row orientation 673
salinity 6906
seeds
composition, oils 1311, 6906
germination 6928
salinity 6906
size 5110
storage 6928
viability 6928
vigour 6928
sowing date 673, 1311-1312, 5110
spacing 1311
water use efficiency 674
yield correlations 673
Brassica campestris* var. *toria
energy relations 7008
evaporation 4325
fertilizers
nitrogen 3413
NPK fertilizers 5110
requirements 3485
sulfur 3413
growth analysis 9415
intercropping
rape 9477
wheat 2066, 6089
leaf area index 9415
rotations, maize 2064
salinity 6906
seeds
composition, oils 3413
germination 6928
salinity 6906
size 5110
storage 6928
viability 6928
vigour 6928
sowing date 3424, 4325, 5110, 8554
sowing rates 2066
spacing 9415
temperature 4325
heat sums 8554
water use 7008
water use efficiency 7008
Brassica carinata
cultivars
Ethiopia 2020
Italy 5134
Brassica carinata *cont.*
fertilizers
nitrogen 1323, 3425, 6919, 6921-6922
phosphorus 3425, 6921-6922
growth, growth rate 6922
intercropping, *Phaseolus vulgaris* 8542
irrigation 6919
growth stages 3425
irrigation scheduling 1323, 3425, 6922
leaf area index 6922
leaves
removal 8574
water potential 9429
mineral uptake, nitrogen 1323
production possibilities
Italy 5134
Spain 6919
salinity 6927
seeds
composition
erucic acid 5134
glucosinolates 3425
oils 1323, 2020, 3425, 5134, 6919, 6921
protein 2020
proteins 3425, 6919
weight, estimation 5988
siliqua, water potential 9429
sowing date 3424, 6921, 7745
sowing methods 6921
transpiration, sowing date 7745
weed control, manual weed control 6921
yield components 8574
yield correlations 6927
Brassica juncea
agroforestry 4361, 8555
antitranspirants, hydrophilic polymers 5974
chemical composition
amino acids 7743
antinutritional factors 9431
carbohydrates 7743
chloride 7743
chlorophyll 8560
nickel 726
nitrogen 1315, 8560
oils 9431
phosphorus 1315
potassium 1315, 7743, 9427
proline 7743
quaternary ammonium compounds 7743
sodium 7743, 9427
starch 7743
sucrose 7743
sulfur 8560
chloroplasts, thylakoids, damage 1318
crop husbandry, India, Madhya Pradesh 6077
crop production, India, Rajasthan 6920
cultivars
Bangladesh 6910
India, Maharashtra 5975-5976, 5978
Italy 5134
cultivation
harrowing 2010
interrow cultivation 2010
ploughing 2010
rolling 2010
drought resistance 3411
dry matter accumulation 2635, 7737, 9418
energy relations 2671
energy requirements 9474
enzymes
aldehyde-lyases 3418
amylases 3419
carbonate dehydratase 2635-2636
β-fructofuranosidase 3419
glucose-6-phosphate dehydrogenase 3418
isocitrate dehydrogenase 3418
malate dehydrogenase 3418
nitrate reductase 2636
pyruvate kinase 3418
succinate dehydrogenase 3418
evaporation 4325
evapotranspiration 5977
models 742
Brassica juncea *cont.*
farm inputs 9474
fertilizers 2072
boron 9422
foliar application 1316
composts 9423
factory effluents 2014
farmyard manure 5197, 7741
molybdenum 7740
foliar application 1316
nickel 726
nitrogen 449, 1314, 2013, 2015, 2632, 3425, 4322, 5120-5123, 5197, 5978-5979, 6874, 6908, 6910, 6922, 7735, 7737-7738, 8563, 8568, 9419-9420
application date 2011
foliar application 8559-8560
requirements 5135
sources 7741
use efficiency 3420
NPK fertilizers 1315-1316, 6970, 8561-8562, 9423
phosphorus 676, 1314, 2014, 2632, 3425, 5123, 5197, 5978-5979, 6908, 6922, 7735, 8563
potassium 2632, 5979, 6911, 8563
foliar application 7739
requirements 3485, 5197
sewage sludge 9423
sulfur 676, 1380, 2014, 2632, 5120, 6911, 7740, 8559-8560, 8568, 9420-9422
application date 5124
models 1317
wastes 9423
zinc 3416, 9422
foliar application 1316
flooding 5220
flowering
flowering date 2634
water stress 9433
frost injury 5130, 6915
frost resistance 5130
fungicides
mancozeb 8561
thiram 4323, 8561
growth, growth rate 6922
growth regulators
benzyladenine 5129
brassinosteroids 6980, 8558
gibberellins 2635-2636
NAA 5129
paclobutrazol 3419
triacontanol 3420, 8629
herbicides
alachlor 5127, 9424
atrazine 2017
fluchloralin 5125, 5127, 7742, 9424
imazamethabenz 766
imazethapyr 766
isoproturon 5126, 7742
lenacil 2017
metolachlor 7742
oxadiazon 5126, 7742
oxyfluorfen 5127, 7742, 9424
pendimethalin 1315, 5125, 7742
toxicity 766
tribunil 2017
trifluralin 1996, 5126
in vitro culture
culture media 5129
growth regulators 5129
organogenesis 5129
inoculation, *Klebsiella* 3420
insecticides
demeton-S-methyl 8561
phosphamidon 8561
intercropping
Cicer arietinum 449, 6970, 7735
Guizotia abyssinica 1322
Lens culinaris 1176, 6970
Linum usitatissimum 1322
rape 1322, 9477
sugarcane 5114-5115
wheat 2063, 2671, 5264
irrigation 1315, 5977, 7736, 8561, 9420
growth stages 675, 3416, 3425, 5117, 9421
irrigation scheduling 3425, 4322, 6922, 8557

Brassica juncea *cont.*
irrigation *cont.*
saline water 4372, 6909
leaf area index 2635-2636, 6922
water stress 9433
leaves
composition, nitrogen 2016
growth 7737
leaf area 5978
osmoregulation 9407
removal 677, 5118, 8574
turgor 3411, 9407
water potential 9429
water relations 9407
metabolism, proline 1318
mineral nutrition 8575
boron 6890
copper 6890
deficiency 9426
magnesium 2633
deficiency 6912
molybdenum 2633, 7740
nitrogen 5119
sources 678
toxicity 2636
phosphorus, deficiency 6912
potassium 8566
deficiency 6912
sulfur 2633, 3417, 5119, 7740
deficiency 6912
zinc 6890, 8545
mineral uptake 8575
lead 737
nitrogen 1315, 2632, 5119, 7735, 8560, 9419-9420
phosphorus 1315, 2685, 7735
potassium 1315
sulfur 2633, 5119, 8560, 9420
mulches
crop residues 2015
grass clippings 7736
rice straw 2010
straw 5974
multiple cropping 2059, 2669
Pennisetum glaucum 5197
soyabeans 5189
Vigna mungo 5189, 6077
pests, *Lipaphis erysimi* 5979
photosynthesis 2016, 2635
herbicides 2017
mineral nutrition 3417
photosystem I 2017
photosystem II 2017
water stress 9425
pods
composition
chlorophyll 3419
starch 6915
sugars 6915
development 1307, 3419
enzymes 3419
growth 7737
metabolism 3419
photosynthesis 5128
shedding 1307
production possibilities
Australia, New South Wales 5135
Italy 5134
relay cropping, rice 5220
roots
composition
lead 737
molybdenum 7740
salinity 678, 1318, 6909, 6916, 7739, 7743, 9427
salt tolerance 7743, 9427
seed inoculation
Azospirillum 3420, 8568
Azotobacter 8568, 9419
seed production, India 2012
seed shattering 1307
seed treatment
cultivars 5973
fungicides 4323, 8561
magnesium nitrate 6913
magnesium sulfate 6913
pyridoxine 5973
soaking 5973
seedbed preparation 2010

Brassica juncea *cont.*
seedlings
composition
carotenoids 678
chlorophyll 678
nitrogen 678
emergence 4321
growth
mineral nutrition 678
salinity 678
seeds
composition
amino acids 3419, 6912
chlorophyll 3419
erucic acid 5134
fatty acids 5130
glucosinolates 3425, 8565
lipids 5130
nitrogen 5117, 5122
oils 676, 1314, 1316, 2014, 2634, 3416, 3419-3420, 3425, 5117, 5120, 5122-5124, 5127, 5134-5135, 8568, 9421, 9427
phosphorus 2014
proteins 3416, 3419, 3425, 5117, 5135
pyridoxine 5973
starch 3419, 6915
sugars 3419, 6915
sulfur 2014
development 2634, 3419
enzymes 3418-3419
filling 2634
germination 4321, 6914, 6928
allelopathins 7013
salinity 678
seed treatment 6913
storage 4323
metabolism 3419
size 4321
storage 6928
containers 4323
seed treatment 4323
viability 6928
vigour 4321, 6914, 6928
shoots
composition
lead 737
molybdenum 7740
siliqua, water potential 9429
soil amendments, hydrophilic polymers 2015
soil types 6909, 7740
soil water content 5220, 6908
sowing date 2011, 3424, 4325, 5116-5117, 7745, 8556, 8567, 9418
sowing methods 5974
spacing 1314, 5121, 5975-5976, 9418-9419
stems, growth 7737
temperature 4325
heat sums 8567
translocation
lead 737
photosynthates 5128, 9426
source sink relations 5128
transpiration 5977, 9425
sowing date 7745
water stress 3411, 8566, 9425-9426, 9433
growth stages 8558
water use 6908, 8557, 9421
water use efficiency 6908, 7736, 8557, 9420-9421, 9425
weed control
herbicides 5126-5127, 7742
manual weed control 1315, 1996, 5125-5127, 7738, 7742, 9424
yield components 2013, 2635, 5980, 8574
yield correlations 5980
Brassica napus
drought 671
fertilizers
nitrogen 3425
phosphorus 3425
requirements 5105
irrigation
growth stages 3425
irrigation scheduling 3425

Brassica napus *cont.*
leaves, composition, nitrogen 5105
mineral nutrition
nitrogen
foliar diagnosis 5105
growth stages 5105
petioles, composition, nitrogen 5105
production possibilities, Spain 6919
seeds
composition
glucosinolates 671, 3425
estimation 5112
oils 671, 3425, 6919
proteins 671, 3425, 6919
size 671
shoots, composition, nitrogen 5105
water stress 671
Brassica napus var. napobrassica (*see* Swedes)
Brassica napus var. oleifera (*see* Rape)
Brassica nigra
chemical composition, cyanogenic glycosides 1319
enzymes, phosphofructokinase 2018
growth regulators
abscisic acid 3421
benzyladenine 3421
2,4-D 3421
in vitro culture
culture media 3421
explants 3421
growth regulators 3421
intercropping
oats 8621
Vicia faba 8621
irradiation, ultraviolet radiation 6907
leaves, removal 8574
metabolism, cyanogenic glycosides 1319
mineral nutrition, phosphorus, deficiency 2018
pollination 6907
water requirements 4422
water use 4422
yield components 8574
Brassicaceae
leaves, epidermis, waxes 3527
taxonomy 3527
Brazil
Bahia, wheat, crop husbandry 1447
cotton, cultivars 8481
crop husbandry 2112
Distrito Federal, wheat, crop husbandry 1447
Espirito Santo, maize, cultivars 5449
Goiás, wheat, crop husbandry 1447
land use, remote sensing 7026
maize, crop husbandry 2057
Mato Grosso, wheat, crop husbandry 1447
Mato Grosso do Sul
Dioscorea, cultivars 6798
Dioscorea alata, cultivars 6798
Dioscorea cayenensis, cultivars 6798
wheat, crop husbandry 1448
Minas Gerais, wheat, crop husbandry 1447
Paraná
soyabeans
crop husbandry 4758
cultivars 4758
peas, crop husbandry 2070
Phaseolus vulgaris, crop husbandry 2057
potatoes, crop husbandry 2070
production possibilities 2112
reports, Centro de Pesquisa Agropecuária dos Cerrados 3553
rice, crop husbandry 2057
Rio Grande do Sul
rice, cultivars 4656
soyabeans, cultivars 3984
Santa Catarina, soyabeans, cultivars 3984
São Paulo
Cajanus cajan, cultivars 5778
land use, remote sensing 3532
rice, cultivars 6450
Triticum durum, cultivars 5307
wheat, cultivars 2757, 5303, 5307-5308
sesame, cultivars 8513
soyabeans
crop husbandry 1748, 2057, 4757

Brazil *cont.*
soyabeans *cont.*
cultivars 1748, 4757
sweet potatoes, crop husbandry 2070
wheat
crop husbandry 2057
cultivars 5305
Buckwheat
air pollution, acid rain 7862
chemical composition 7887
cadmium 6565
copper 6565
elements 9530
lead 6565
zinc 6565
crop husbandry 7887
crop production 7887
cultivars
Italy 6014
Ganqiao-2 3443
cultivation 6565
ecology 7887
enzymes
catalase 9438
chymotrypsin 7765
inhibitors 7765
proteinases 7765
superoxide dismutase 9438
trypsin 7765
fertilizers
nitrogen
application date 6013
use efficiency 6013
NPK fertilizers 6940
potassium, sources 3490
sewage sludge 6565
sugar factory waste 7820
flowers, composition, rutoside 6016
grain
composition, proteins 8594
quality 5158
size 5158
green manures, soyabeans 6013, 9437
growth 7887
growth regulators
benzyladenine 9438
2,4-D 9438
gibberellins 9438
herbicides
ethametsulfuron 765
glyphosate 5228
residual effects 765
toxicity 5228
husks
composition
antioxidants 4341
flavonoids 4341
rutoside 4341
intercropping 7796
leaves
composition, rutoside 6016
enzymes 9438
metabolism 9438
senescence 9438
metabolism, lipids 9438
mineral nutrition, nitrogen 6013
mineral uptake
aluminium 9538
cadmium 5157, 6565
copper 6565
iron 9538
lead 6565
manganese 9538
nitrogen 9437
phosphorus 738
zinc 6565
photoperiod 6016
plant competition, weeds 7796
seedlings
cotyledons
composition, shikimic acid 6015
metabolism, shikimic acid 6015
seeds
composition
antioxidants 4341
cyclitols 7832
flavanols 9439
flavonoids 4341
nitrogen 6013
oligosaccharides 7832
phenolic acids 9439
Buckwheat *cont.*
seeds *cont.*
composition *cont.*
proteins 1341
rutoside 4341
trypsin inhibitors 693
desiccation, tolerance 7832
embryos, development 8593
endosperm
development 8593
ultrastructure 3444
enzymes 7765
germination 3444
quality 5158
size 5158
soil amendments, lime 6565, 9538
soil pH 9538
sowing rates 5156, 6940
spacing 5156, 6940
taxonomy 7887
Bulgaria
Lathyrus sativus, cultivars 474
Lupinus albus, cultivars 474
maize
cultivars 1620
yields 1580
peas, cultivars 474
sorghum, cultivars 316
triticale, cultivars 114-115
Vicia, cultivars 416
Vicia ervilia, cultivars 474
Burkina Faso, rice, crop husbandry 6412
Burundi
maize, land evaluation 769
peas, land evaluation 769
Phaseolus, land evaluation 769
potatoes, land evaluation 769
wheat, land evaluation 769
Cajanus cajan
agroforestry 4360, 4367, 6084, 9476
air pollution, cement dust 7601
allelopathy, trees 2697
alley cropping
Azadirachta indica 6084
cassava 8622
Dalbergia sissoo 6084
Leucaena leucocephala 2712
maize 8622
chemical composition
boron 4143
copper 4143
iron 4143, 9276
manganese 4143, 9276
zinc 4143
crop husbandry, India, Madhya Pradesh 6963
crop production
energy relations 6963
India
Andhra Pradesh 7546
Bihar 2476
cultivars
Bangladesh 7548, 7555
Brazil, São Paulo 5778
India 5781
Andhra Pradesh 7556
West Bengal 1166
Sri Lanka 7554
CoH1 8390
HUA7 7557
KM-7 7558
PPH4 1844
cultivation, no-tillage 9253
drought resistance 4902, 7562, 8672
dry matter distribution, water stress 3252
energy relations 8618
energy requirements 9474
energy value 5188
enzymes
acid phosphatase 4883
amylases 3249, 7560
inhibitors 3250
nitrate reductase 4149
nitrogenase 4149
proteinases 3249
establishment 3246
farm inputs 9474
fertilizers 7311
factory effluents 5579
foliar application 5579
Cajanus cajan *cont.*
fertilizers *cont.*
nitrogen 2668, 4881, 4901, 5777, 5779, 6717, 8394, 8396
application date 9063
requirements 445
use efficiency 9063
NPK fertilizers 2712
phosphorus 1166, 4881, 5777, 5779, 6716-6717, 7549, 9274
requirements 445
sources 3247
potassium 4881-4882, 5777
requirements 445
sulfur 1380, 6716
zinc 1166
flowering, flowering date 7549
flowers
gynoecium
composition 3249
enzymes 3249
metabolism
carbohydrates 3249
carotenoids 3249
proteins 3249
starch 3249
sugars 3249
growth regulators, ethephon 6715
herbicides
alachlor 3245
butachlor 446
fluchloralin 1845, 7466, 7559
imazethapyr 7559
metolachlor 1845
pendimethalin 446, 1845, 7466, 7559
inoculation, *Bradyrhizobium* 7563
insect pests, *Helicoverpa armigera* 8391
intercropping 2454
Cymbopogon martinii 1843
Eleusine coracana 3468
groundnuts 3469, 4881, 7466
maize 1845, 9486
Panicum sumatrense 5184
Pennisetum glaucum 319, 5183, 5188, 6083, 6085
rice 446, 7547
Ricinus communis 8623
sesame 9486
sorghum 2668, 4366, 5188, 6085, 9063
soyabeans 3245, 3469, 7403, 9481
sunflowers 5934-5935, 6083
Vigna mungo 3469, 6717-6718, 9486
Vigna radiata 448, 3469, 7559, 9486
Vigna unguiculata 3469, 7559
irrigation
factory effluents 7803
irrigation scheduling 1375
leaf area index 7562
leaves
composition
carotenoids 5579
chlorophyll 5579
nitrogen 5579
proteinase inhibitors 3250
proteins 5579
starch 5579
sucrose 5579
stomatal resistance 5779
trichomes, ultrastructure 7561
water content 4901-4902
wilting 4901
light
absorption 6083
interception 5935, 7562
use efficiency 5935, 6083
metabolism
carbohydrates 3249
carotenoids 3249
lipids 3248
proteins 3249
starch 3249
sugars 3249
mineral nutrition
aluminium 3247
iron, deficiency 9276
nitrogen 4149, 7563
phosphorus 9274
deficiency 4883
mineral uptake
nitrogen 1166, 1846, 3245

Cajanus cajan *cont.*
mineral uptake *cont.*
phosphorus 738, 1166, 3245, 3247, 9253
potassium 3245
mulches, rice straw 4901
multiple cropping
rice 9478
wheat 1375, 3469
mycorrhizas 1188
Gigaspora margarita 9253
nitrogen balance 2454
nitrogen fixation 4149, 6735, 6744, 9063
mineral nutrition 3247
soil types 1846
nodulation 6735, 7563, 8394-8396
soil types 1846
pests, *Callosobruchus chinensis* 9249
plant competition, weeds 380, 6718
plant density 443, 7549-7552
precipitation 3520
production possibilities
India
Haryana 7036
Maharashtra 6085
ratooning, cultivars 1165
root exudates, enzymes 4883
root nodules, enzymes 4149
roots
growth 1168
waterlogging, techniques 9252
rotations 5183, 7311
wheat 6744
seed injury 7553
seed inoculation
Rhizobium 1188, 8394-8395
strains 8396
seed production
hybrid seed production 4121
spacing 4121
seed quality 5778
seed treatment, osmotic pretreatment 3246
seedlings, emergence 3246
seeds
aging 3248, 7553, 9250-9251
anatomy 2481
composition
ash 9249
carbohydrates 1167
enzyme inhibitors 7560
fats 9249
lectins 5778
nitrogen 1166-1167
phosphorus 1166
proteinase inhibitors 3250
proteins 1167, 3246, 5778, 7560, 9249
tannins 5778
enzymes 7560
germination
allelopathy 2697
seed aging 7553
seed injury 7553
seed treatment 3246
storage 9249
mechanical properties 447
metabolism
lipids 3248
nucleic acids 9251
proteins 9250
testas 2481
shading 9476
shoots, composition, minerals 9274
soil
nitrogen 5777
phosphorus 5777
potassium 5777
soil amendments
coir 8395
filter cake 8395
lime 8395
manures 1188
soil compaction 1168
soil inoculation, *Rhizobium* 1188, 4122
soil properties 3520
soil temperature 448
soil types 1846, 7036, 8393
soil water 3520
sowing date 1187, 7548, 7555, 8618, 8628, 9247
Cajanus cajan *cont.*
spacing 4881, 9247
symbiosis, *Bradyrhizobium* 4149
threshing 444, 7553
transpiration
cultivars 5779
seasonal variation 5779
water requirements 4422
water stress 4901-4902, 7562, 8672
growth stages 3251-3252
water uptake 5781
models 5780
water use 1375, 4422, 9481
water use efficiency 9481
waterlogging 8392, 9252
weed control 6718
cultivation 3245
herbicides 446, 3245
integrated control 1845
manual weed control 446, 1845, 3245, 7466, 7559
yield components 9248
water stress 3251
yield correlations 9248
Calendula officinalis
production possibilities
Italy 9430
Mediterranean region 9430
seeds, composition, oils 9430
Camelina sativa
crop husbandry 7744
France 5133
fertilizers
nitrogen 4324, 5133, 8572-8573
sewage sludge 2058
production possibilities
Italy 9430
Mediterranean region 9430
reclaimed soils 2058
UK 6080
seeds
composition
fatty acids 4324, 7744, 8572-8573
linolenic acid 4324
oils 4324, 5133, 7744, 8573, 9430
soil types 2058
sowing date 5133
sowing rates 8572-8573
Cameroon, maize, production possibilities 6408
Canada
climatic change 5236
maize, cultivars 3754
Prince Edward Island, maize, cultivars 5427
Quebec, maize, cultivars 7221
reports
Department of Agriculture and Rural Development, New Brunswick 7048
Department of Plant Science, Nova Scotia Agricultural College 2724
Grain Research Laboratory 3552
temperature, heat sums 1428
Canavalia
pods, morphology 8417
taxonomy 8417
Canavalia brasiliensis
metabolism
carbohydrates 3270
glycoproteins 3270
lectins 3270
roots, growth 1168
soil compaction 1168
Canavalia ensiformis
fertilizers, nitrogen 2228
flowers, development 5796
fruits, development 5796
intercropping, maize 2228
roots, growth 1168
seeds, development 5797
soil compaction 1168
Canavalia maritima
metabolism
carbohydrates 3270
glycoproteins 3270
lectins 3270
Canavalia virosa, in vitro culture, metabolism, lectins 2470
Cannabis sativa
bracts, composition, cannabinoids 5078-5079
chemical composition
cannabinoids 1968
cultivars 1968
crop husbandry, China, Shandong 1965
cultivars
Australia, Tasmania 1966
Finland 6856
Germany 8503
Diana 3373
enzymes
isomerases 2596
oxidoreductases 2596
fertilizers
nitrogen 1967, 3374, 4324, 5078-5079
sewage sludge 2058
fibres 1968
flowers, composition, elements 5913
growth, models 5912
growth analysis 2082
harvesting
harvesting date 5911
harvesting losses 1966
leaves
composition
cannabinoids 5078
elements 5913
tetrahydrocannabinol 3374
leaf age 3374
light, use efficiency 5912
mineral nutrition, nitrogen 3374
mineral uptake
nitrogen 9369
potassium 9369
pests
Aphis gossypii 9369
Helicoverpa armigera 9369
Nematoda 9369
Nezara 9369
plant anatomy 1968
plant density 1967, 5911
production possibilities
Netherlands 5912
reclaimed soils 2058
South Africa 9369
UK 6080
Scotland 5916
seeds
composition
fatty acids 3375, 4324, 6857, 9370
linoleic acid 4324
lipids 7687
oils 4324, 6857, 7687, 7746
proteins 7687
soil types 2058
sowing date 1966, 8503
spacing 1967, 5911
stems, composition, cannabinoids 5078
trichomes, composition, phenolic compounds 8504
Carbon dioxide enrichment
books 9579
field experimentation 6124
reviews 6124, 7823, 9561
Carthamus tinctorius (*see* Safflower)
Cassava
alley cropping
Cajanus cajan 1586, 8622
Leucaena leucocephala 1586, 2712
carbon dioxide, reviews 4982
chemical composition
arsenic 2565
dry matter 6794
mercury 2565
nitrogen 4583
phosphorus 4583
potassium 4583
crop management, Kenya, reviews 9347
crop production, Nigeria 5847
cultivars, field experimentation 6796
defoliation 5000
enzymes, amine oxidoreductases 9341
fertilizers
boron 4220
coir 8626
copper 4220
farmyard manure 8626

Cassava *cont.*
- fertilizers *cont.*
  - magnesium 4220
  - molybdenum 4220
  - nitrogen 4220-4221, 4583
  - NPK fertilizers 1586, 2712, 8465
  - phosphorus 4583
    - application methods 4220
    - sources 4220
  - potassium 4220-4221, 4583
  - sulfur 4220
  - zinc 4220
- field experimentation, statistical analysis 6796
- growth analysis 4583
- growth regulators, cytokinins 5849
- harvest index 5848
- hydroponics 5840
- *in vitro* culture
  - cryopreservation, regeneration 6795
  - growth regulators 5849
  - protoplasts 5001
  - regeneration 5849
- intercropping
  - bananas 1944
  - groundnuts 2564, 8626
  - maize 1589, 4363, 4583
  - *Phaseolus vulgaris* 4363
  - sesame 8626
  - *Vigna unguiculata* 435, 4999, 8464
- irrigation 8626
  - irrigation scheduling 2564
- leaves
  - anatomy 9341
  - development 8466
- light intensity, reviews 4982
- metabolism
  - β-carotene 8467
  - retinol 8467
- mineral nutrition
  - deficiency 4222
  - foliar diagnosis 4222
  - manganese, deficiency 4236
  - toxicity 4222
- mineral uptake
  - nitrogen 2564
  - phosphorus 2564
  - potassium 2564
- mycorrhizas 1249
- photosynthesis
  - carbon pathways 9341
  - cultivars 5848
  - enzymes 9341
- planting stock, production 5840
- pollution
  - arsenic 2565
  - mercury 2565
- precipitation 5848
- production possibilities, Zimbabwe 2566
- pruning 6793
- roots
  - composition
    - ascorbic acid 6793
    - β-carotene 8467
    - retinol 8467
  - metabolism 8467
  - storage
    - containers 6793
    - deterioration 6793
- salinity 4222
- seedlings, hardening 5840
- soil amendments
  - farmyard manure 2564
  - plant residues 2564
- soil inoculation
  - diazotrophic bacteria 1249
  - *Glomus clarum* 1249
- soil pH 4222
- soil properties 6796
- soil water 5848
- storage 8467
  - relative humidity 5850
- temperature, reviews 4982
- tubers
  - composition
    - elements 5860
    - hydrogen cyanide 2564
    - starch 2564
    - sugars 2564
  - damage 5850
  - quality 6794

Cassava *cont.*
- tubers *cont.*
  - storage
    - disorders, reviews 2569
    - reviews 2570
  - suberization 5850
- water stress, reviews 4982
- weed control 6794
- yield correlations 5848

Castor (*see Ricinus communis*)

Cells
- accumulation
  - proteins 7854
  - salts 7854
  - solutes 7854
- cell membranes
  - books 4460
  - desiccation, tolerance 7017
  - enzymes, reviews 1407
  - growth regulators, reviews 1407
  - ion transport
    - reviews 6233
    - techniques 6994-6995
  - permeability, reviews 9521
  - plasma membranes
    - binding proteins, reviews 753
    - enzymes 1386
  - water transfer, reviews 9521
- cell walls
  - composition
    - boron 748
    - polysaccharides 748
    - reviews 8669
  - metabolism
    - lignin, reviews 744
    - pectins, reviews 744
    - proteins, reviews 744
    - sugars, reviews 744
  - ultrastructure, reviews 8669
- composition, calcium, reviews 1409
- Golgi apparatus
  - metabolic inhibitors 7846
  - reviews 2089
- ion transport, reviews 8640
- metabolism 7860
- mitochondria, enzymes, reviews 7007
- organelles, metabolism, reviews 5217
- osmoregulation, reviews 5216
- peroxisomes
  - books 3560
  - reviews 1106, 2088
- plasma membranes
  - composition
    - lipids, reviews 7019
    - proteins, reviews 7019
  - growth regulators 1406
  - ion transport, reviews 3503
  - proteins, determination, techniques 3515
- plasmodesmata, reviews 1415, 9509
- plastids, metabolism, reviews 7004
- tonoplast, proton pump, reviews 6999
- translocation
  - enzymes 2087
  - proteins 2087
- vesicles, reviews 2087

Central Africa, *Dioscorea* 6797, 6800

Cereals (*see also* individual crops)
- agricultural meteorology 5611
  - India, Haryana 6550
- allelopathy, crop residues 7399
- carbon dioxide enrichment 2826, 7146
- catch crops 2062
- chemical composition
  - chromium 757
  - nitrogen 2358, 7393
  - phosphorus 7393
  - potassium 7393
- climate 9092
- climatic change 2826, 7146
- cold resistance 2826, 7146
- crop production, China, Guangdong 9092
- cropping systems, constraints, Australia, reviews 2357
- cultivars, identification, books 7888
- cultivation 6092
  - depth 4371, 7390
  - discing 4371
  - minimum tillage 4371
  - no-tillage 3480, 4371, 7386
  - ploughing 4371

Cereals *cont.*
- cultivation *cont.*
  - ridging 3480
- drainage 2358
- drought 5611, 9094
- dry matter distribution 6552
- equipment, seed drills 3480
- establishment 6092
- farming systems
  - extensive farming 7391
  - integrated systems 7384
  - organic farming 6130, 7384
- fertilizers
  - application methods 7390
  - nitrogen 327, 6544, 7391
    - requirements, models 1741
  - NPK fertilizers 7393
  - organomineral fertilizers 7393
  - phosphorus 4752
    - requirements 8632
  - potassium 3491, 4752, 5052
  - sulphur 6099, 6544
- flooding 5611
- frost resistance, reviews 1050
- grain
  - aleurone cells, growth regulators 9089
  - composition, proteins 7391
  - quality, books 2126
- growth regulators
  - abscisic acid 9089
  - gibberellins 9089
- harvesting, yields, mapping 7389
- herbicides
  - Bay foe 5043 2109
  - bromoxynil 762
  - dichlorprop 762
  - ioxynil 762
  - MCPA 762
- *in vitro* culture
  - protoplast culture, reviews 333
  - regeneration 1746
  - somatic embryogenesis 1746
- irrigation
  - irrigation scheduling, models 3481
  - saline water 3072
  - subsurface irrigation 2358
  - waste water 2358, 7805
- leaves
  - composition, waxes 2364
  - cuticle 2364
  - morphology 2364
- metabolism, terpenoids 6553
- mineral nutrition
  - nitrogen 2358
  - phosphorus 4752, 8632
  - potassium 4752
    - deficiency 5052
- mineral uptake
  - iron, reviews 3922
  - nitrogen 4753
  - potassium 3491
- multiple cropping 324
- mycorrhizas 5223
  - *Glomus intraradices* 6553
- nitrogen fixation 8211
- pests, *Anser brachyrhynchus* 1045
- phytotoxicity, crop residues 7399
- pollution, chromium 757
- precipitation 5611, 9094
- remote sensing
  - reviews 336
  - yield forecasting 336
- root shoot ratio 6552
- rotations 6541
- salinity 3072
- salt tolerance 3072
- seed inoculation, *Azospirillum*, reviews 6552
- seedbed preparation 324
- seeds, aleurone cells, growth regulators 9089
- soil
  - erosion 6551
  - nitrogen 4753
- soil amendments, organic amendments 728
- soil compaction 7857
- soil inoculation
  - *Azospirillum* 8211
    - reviews 6552

Cereals *cont.*
soil inoculation *cont.*
Azotobacter 8211
South East Asia, books 7887
sowing methods 6092
stems, mechanical properties 332
straw disposal 6092
yield forecasting 336
yields
constraints 9473
estimation 7401
mapping 7389, 7401
maximum yield 9473
models 9097
Chemical composition
ascorbic acid, determination, techniques 2433
carbon, determination, techniques 2099
chlorophyll, determination 2085
lectins, reviews 750
magnesium 5195
nitrates 5195
nitrogen, determination, techniques 2099
oligosaccharides, determination, techniques 1410
phenolic compounds, reviews 2694
phthalates, determination 4416
platinum, determination, techniques 7844
proteins, reviews 7006, 7843
sucrose, determination, techniques 1410
sulfur, determination, techniques 2086, 2099
trace elements 5195
xyloglucans, reviews 7014
Chenopodium
chemical composition 7887
crop husbandry 7887
crop production 7887
ecology 7887
growth 7887
taxonomy 7887
Chenopodium quinoa
diseases
cucumber mosaic cucumovirus 2637
tobacco mosaic tobamovirus 2637
pollen
composition, proteins 2637
morphology 2637
seeds, composition, proteins 4342
Chickpeas (*see Cicer arietinum*)
Chile
farming systems
extensive farming 9554
intensive farming 9554
nature conservation 9554
subsistence farming 9554
Triticum durum, cultivars 26
wheat, cultivars 26
China
Beijing
maize
crop production 8019
cultivars 6364
rice 4646
crop production 1663
cotton, cultivars 6822
Crambe abyssinica, production possibilities 9412
farming systems
dry farming 6129
sustainability 6129
groundnuts, crop husbandry 4028
Guangdong
cereals, crop production 9092
groundnuts
crop husbandry 1088
cultivars 4032
rice, yields 6413
Guangxi, maize, cultivars 194
Hebei, wheat, cultivars 7092
Heilongjiang, wheat, cultivars 7093
Henan, wheat, climate 845
Ningxia, peas, crop husbandry 1100
remote sensing 1422
rice
crop husbandry 8963-8964, 8966, 9053
crop management 7308
crop production 7308, 8963
cultivars 5529, 6452
Shaanxi, land use 3534
China *cont.*
Shandong
Cannabis sativa, crop husbandry 1965
climatic change, crops, yields 7879
cotton
crop husbandry 4238
cultivars 4238
Sichuan, soyabeans, cultivars 5634
soyabeans, cultivars 9138
sweet potatoes, cultivars 588
Vicia faba, cultivars 2417
Vigna angularis
cultivars 439
production possibilities 439
wheat
climate 846
cultivars 6195
Chlorophyll
binding proteins, reviews 9502, 9515
fluorescence
remote sensing 2701
temperature, reviews 1573
reviews 7829
Chloroplasts
development 7830
reviews 7829, 9531
enzymes, reviews 9514
metabolism 9501
reviews 9514
senescence, reviews 7829
thermoluminescence, reviews 1385
thylakoids, enzymes 5204
translocation, proteins, reviews 7018, 7822
ultrastructure, reviews 9531
Cicer arietinum
agroforestry 4361
anaerobiosis 4903
apical dominance, growth regulators 8405
books 2127
cells
cell membranes, binding sites 477
cell walls
enzymes 2444
proteins 1174
chemical composition
boron 4143
calcium 6722
carbon 6722
copper 4143
iron 4143
magnesium 6722
manganese 4143
nickel 726
nitrogen 2463, 4888, 6722
phosphorus 6722
potassium 6722
proteins 2463
zinc 4143
continuous cropping 4362
crop husbandry
India, Madhya Pradesh 8397
Nepal 7564
Spain 6719
crop production, India, Bihar 2476
cultivars
Australia, Western Australia 7570
Hungary 8402
India
Karnataka 7569
Madhya Pradesh 4123
Rajasthan 6720
Uttar Pradesh 7567
Poland 9257
Turkey 8401
Lasseter 6723
Vijay 7572
Vishal 7571
cultivation
harrowing 8624
minimum tillage 8624
no-tillage 1169-1170, 8624
disease control, biological control 4125
diseases
Fusarium oxysporum f.sp. *ciceris* 4125
seedborne fungi 6724
energy relations 2671, 6722, 7008
energy requirements 9474
Cicer arietinum *cont.*
enzymes
adenosinetriphosphatase 6725
alcohol dehydrogenase 4903
aminotransferases 7574
catalase 2464
cytochrome-c oxidase 3510
galactosidases 2444
glutathione reductase (NAD(P)H) 2464
glycosidases 2444
glycosyltransferases 2444
hydrolases 2457, 7574
inhibitors 3510
isocitrate dehydrogenase 7574
lyases 7574
malate dehydrogenase 7574
malic enzyme 7574
NADH dehydrogenase 1172
nitrate reductase 3256-3257
nitrogenase 4888
oxidoreductases 1173, 7574, 8647
oxo-acid-lyases 2458
pectinesterase 2444
peroxidases 2464
polymerases 7574
RNA polymerase 8403
establishment 3246
evapotranspiration 6726
farm inputs 9474
fertilizers
biogas slurry, residual effects 3494
boron 3254
cattle manure 3254
industrial wastes 6722
molybdenum 3254
nickel 726
nitrogen 449, 452, 454-455, 3253-3254, 3494, 4124, 4148, 4151, 5783, 6414, 7076, 7735, 8400
requirements 445
residual effects 2286
NPK fertilizers 6970, 7793
phosphorus 450, 1171, 3253-3254, 3494, 4885, 5783, 6414, 6722, 7735, 8400, 9255
requirements 445
residual effects 2286, 6439
sources 4124, 4884
potassium 3254, 3494, 8400
requirements 445
residual effects 2286, 6439
sulfur 450, 3254, 7568, 9256
residual effects 2286
wheat straw, residual effects 2286
zinc 1171, 1848, 3254, 9256
field experimentation, plot size 8409
fungicides
captafol 6724
captan 6724
carbendazim 1847, 6724
thiram 1847, 6724
growth analysis 7010
growth regulators
abscisic acid 8406
benzyladenine 2460, 2462, 3258, 8407
cytokinins 2460, 4888, 8405
ethephon 2462
ethylene 1173
gibberellins 2462
IAA 1851
mepiquat 9254
NAA 3258
heat stress 452
herbicides
alachlor 3255, 4886
bentazone 451
butachlor 8408
clethodim 451
cyanazine 451
2,4-D 8408
fluchloralin 3255, 4886, 8408
haloxyfop 451
isoproturon 4886
MCPB 451
metribuzin 451
pendimethalin 3255
terbuthylazine 451
toxicity 451

Cicer arietinum *cont.*
in vitro culture
culture media 1175
explants 453
growth regulators 8407
metabolism
amino acids 453
nitrogen 453
nucleic acids 1851
proteins 453
sugars 453
micropropagation 1175
organogenesis 453
regeneration 8407
inoculation, *Rhizobium* 4151
insecticides
aldrin 8408
carbofuran 8408
endosulfan 1849
HCH 8408
intercropping
Brassica juncea 449, 6970, 7735
Leucaena leucocephala 1371
rape 9477
safflower 6091
sorghum 6091
wheat 801, 2063, 2671, 7076
irrigation 5783, 7567
factory effluents 7803
irrigation requirements 4402
leaves
composition
chlorophyll 9254
nitrogen 1850
proline 7567
enzymes 8647
leaf area 8404
senescence 2462
stomatal resistance 1850
trichomes, vacuoles 1853
light
far red light 3257
red light 3256-3257
metabolic inhibitors, 2,4-dinitrophenol 3510
metabolism
esters 7574
ethylene 1173
growth regulators 8405
nitrate 3256
nitrite 3256
nitrites 3510
nucleic acids 1851
phytoalexins 4126
phytochrome 3256
proteins 5784, 9259
mineral nutrition
boron, deficiency 7573
iron, deficiency 6725
nitrogen 3256, 7578
potassium, foliar diagnosis 2678
mineral uptake
nitrogen 450, 455, 6090, 7735, 8408
phosphorus 450, 6090, 7735
potassium 450, 2678, 6090
sulfur 450
mulches 2455
multiple cropping 4358, 4362, 7793, 8624
rice 2286, 6086, 6414, 7010
sorghum 1373, 7010
soyabeans 5189, 6090, 7010
Vigna mungo 5189, 7010
mycorrhizas 1188
nitrogen balance 4365
nitrogen fixation 1170, 2464, 4148, 7574, 7579
determination 455
seasonal variation 452, 455
nodulation 454, 1171, 4148, 4151, 4888, 5787, 7578, 8399
cultivars 4889
herbicides 8408
insecticides 8408
salinity 2463
pests
Helicoverpa armigera 1849
control 2456
pH 4148
photosynthesis, gas exchange 1850
plant development 5786

Cicer arietinum *cont.*
precipitation 1170
production possibilities, India, Haryana 7036
rhizosphere, pH 6725
root exudates, carboxylic acids 6725
root inoculation, *Rhizobium* 4148
root nodules
composition
dry matter, seasonal variation 452
leghaemoglobin 2464
nitrogen, seasonal variation 452
phosphorus, seasonal variation 452
enzymes 2464, 4903
metabolism 7574
senescence 2464
root shoot ratio 8404
roots
cell membranes, proton pump 6725
composition
dry matter, seasonal variation 452
nitrogen, seasonal variation 452
phosphorus, seasonal variation 452
enzymes 4903, 6725
length 8404
rotations 8624
rice 2286
salinity 2444, 2463, 3258, 4126, 4888, 9259
salt tolerance 2444, 7577
seed development 9258
seed inoculation
bacteria 4884
Rhizobium 454, 1171, 1188, 2463, 7574
strains 5787, 7578
seed treatment
biological control agents 4125
fungicides 1847, 6724
growth regulators 2460
hydrophilic polymers 450, 7568
molybdenum 8398
osmotic pretreatment 3246
soaking 7575
seedlings
cotyledons
enzymes 3256-3257
metabolism 3256
development 9277
emergence 3246
growth 9277
seed treatment 8398
seeds
anatomy 2481
colour 7575
composition
amino acids 9256
calcium 1852
glycosides 476
heavy metals 6741
iron 1852
phenolic compounds 5784
phytic acid 1852
polyphenols 1852
proline 9259
proteins 2459, 3246, 3258, 4889, 5784, 7567-7568, 9256, 9259
saponins 4887
starch 3258
sugars 3258
tannins 7575
trypsin inhibitors 9258
embryos, development 5785
enzymes 1173
germination 6724, 7575
enzymes 2458
exudates 2459
growth regulators 8406
inhibitors 1173
metabolism 4887, 5784
seed quality 1847
seed size 7565
seed treatment 1847, 2460, 3246, 4125, 8398
temperature 7576
water relations 8406
metabolism, ethylene 1173
postharvest decay 1847

Cicer arietinum *cont.*
seeds *cont.*
size 7565
storage 2459, 6724
storage decay 6724
testas 2481
weight 9257
shoots
composition
dry matter, seasonal variation 452
nitrogen 4148, 7579
seasonal variation 452
phosphorus, seasonal variation 452
soil, nitrogen 452
soil amendments
hydrophilic polymers 450, 7568
manures 1188
soil inoculation, *Rhizobium* 1188, 4889, 9255
soil types 7036
soil water 452
sowing date 1169-1170, 1849, 4123, 5782, 6720-6721
sowing depth 7566
sowing methods
broadcasting 2455
direct sowing 2455
spacing 3253, 8399
stems
composition
carbohydrates 2462
nitrogen 2462
temperature 7576
heat sums 5786
transpiration 8404
water requirements 4402, 4422
water stress 4126
water uptake 8404
water use 4422, 7008
water use efficiency 5783, 6726, 7008, 8399
waterlogging
growth stages 2461-2462
tolerance 2462
weed control 2456
herbicides 2110, 3255
hoeing 451
integrated control 3255
manual weed control 451, 3255, 4886
weeds
Chenopodium album 451
Polygonum aviculare 451
Solanum nigrum 451
Veronica arvensis 451
yields, stability 8401

Climate
Arctic Regions 5238
cereals 9092
cotton 5072
groundnuts
Australia 1774
models 1774
potatoes 2544-2545
sorghum 7372
statistical analysis 857
sugarcane 9463-9464
wheat 811
China 846
Henan 845

Climatic change 7040
Arctic Regions 5238
barley 8017
models 149
books 796
Europe 2130
Canada 5236
carbon dioxide, Southern Africa, models 5235
cereals 2826, 7146
cotton 5071
crop production
Asia 777
reviews 777
cropping systems 5726
Europe 2116
crops, yields, China, Shandong 7879
Finland 5239
global warming, Europe 2116
greenhouse effect, Southern Africa, models 5235

Climatic change *cont.*
groundnuts 4811
Linum usitatissimum 3543
maize 3543, 3806
China 229
models 2270, 5240
USA 2269
Zimbabwe 2270
models 86, 2117, 2675, 5236, 6105, 9560
maize 7302
New Zealand, models 776
potatoes
models 2552
USA 2552
rice 306, 1021, 3543, 3881-3882
Bangladesh 89
Indonesia 305
models 304-305, 2325, 6510
rye 8017
sorghum 3543
models 5240
soyabeans 3543
models 5240, 6611
USA 2269
sunflowers 3543
sweetcorn 306
wheat 2826, 3543, 4536, 6273, 7146
Bangladesh 89
models 85, 88, 5240
Cocoyams *(see Colocasia esculenta)*
Coix lacryma-jobi
chemical composition 7887
crop husbandry 7887
crop production 7887
cultivars
Hatohikari 6545
Hatojirou 6546
Taichung-1 2362
ecology 7887
fertilizers, nitrogen 6542
growth 7887
seeds
aleurone cells 331
development 331
endosperm 331
ultrastructure 1049
sowing date 6542
spacing 6542
taxonomy 7887
yield correlations 6542
***Colocasia*, corms, storage, disorders, reviews** 2569
Colocasia esculenta
agroforestry 4225
alley cropping, *Gliricidia sepium* 4225
corms
composition, elements 4213
storage, reviews 2570
crop husbandry
Fiji 4207
Kiribati 4234
cryopreservation 7655
cultivars
Baigeng 5857
Honggeng 5857
Xianggeng 5857
diseases, *Phytophthora colocasiae* 4228-4229
fertilizers
calcium 4228
nitrogen 4213-4214, 4226, 4228
phosphorus 4213-4214, 4227-4228
potassium 4213-4214, 4228
green manures
Azolla 4226
Erythrina 4227
growth, growth rate 3336
growth analysis 4232
growth regulators
benzyladenine 5007
NAA 5007
harvest index 4232
harvesting, mechanization 5856
in vitro culture
growth regulators 5007
regeneration 5007
intercropping
Erythrina subumbrans 4225
legumes 4226
leaves
composition, minerals 4207
Colocasia esculenta *cont.*
leaves *cont.*
cuticle
hydrophobicity 6801
morphology 6801
leaf area 3336, 4231
stomatal resistance 4231
water potential 4231
mineral nutrition 4207, 4235
calcium 4228
deficiency 4230
foliar diagnosis 4230
manganese, deficiency 4236
nitrogen 4228
phosphorus 4228
potassium 4228, 4231
toxicity 4230
plant competition, weeds 7654
planting date 9345
planting stock 8468
precipitation, Western Samoa 4229
rotations 4214
soil amendments
gypsum 4213
lime 4213, 4227
soil types
Fiji 4207
Western Samoa 4235
spacing 5856
tubers, composition, elements 5860
vegetative propagation
cuttings 8468
micropropagation 8468
water stress 4231
water use efficiency 4231
weeds, *Cyperus rotundus* 7654
yield correlations 3336
Colombia
farming systems, environmental factors 1427
reports, Centro de Investigación de la Caña de Azúcar de Colombia 3546
Computer software
agricultural meteorology 1429
expert systems 2108
barley 8001
crop management 4579
cultivars 1725
indigenous knowledge 1725
land use 1424
fertilizers 7808
fields, mapping, rice 3886
plant nutrition 7808
statistical analysis 8685, 8687
weather reports, cotton 5073
Conferences
7th Annual Conference Kenya Society of Agricultural Engineers 8975
Acid reign '95 148
Adaptation in plant breeding 1464, 1540, 2826, 7071, 7146, 7163
Agri-food quality 5718
Agroforestry and land use change in industrialized nations 8021
Agrometeorology as a basis for agricultural development in Argentina 5349, 5702, 6136, 6148, 9219
Agronomy on a regional scale 3607, 3798, 3909, 4154, 4379, 4454, 4463, 5134
Agronomy Society of New Zealand 2177, 2214, 2422, 2455, 2522, 2531, 2731
American Society for Horticultural Science, Southern region annual meeting 2124
American Society for Horticultural Science, Western region annual meeting 2729
American Society of Plant Physiologists 1444, 8702
Anatidae 2000 8143
Annual Meeting of Agricultural Scientists 2718
Annual meeting of agricultural scientists of Mauritius 4354
Application of chromatographic methods in phytochemical and biomedical research 7049, 9409
Application of *in vitro* cultures in plant physiology 7885
Conferences *cont.*
Association of Applied Biologists 9085, 9469-9471
Atmospheric science and applications to air quality 624
Australian Society of Sugar Cane Technologists 2044-2045, 2652, 2664
Australian sorghum conference 2329-2331, 2333-2334, 2342-2343, 2732, 3028-3029, 3041-3043, 3045, 3052-3053, 5581, 6529-6530
Avian microgravity 853, 1416
Basic and applied aspects of seed biology 9522
Beltwide cotton conferences 603-605, 2572, 2576-2577, 2579-2581, 2587, 2591, 3339, 3344-3346, 3349-3354, 4244, 4256, 5013-5015, 5017-5020, 5022-5028, 5030, 5034-5051, 5055-5056, 5058-5059, 5062, 5065-5068, 5070-5071, 5073-5076, 5863-5865, 5867-5873, 5875-5878, 5880-5885, 5887-5890, 5899-5900, 5902, 5906, 6804, 6811-6813, 6816, 6819, 6821-6824, 6827, 6830-6831, 6833, 6835-6841, 6843, 6847, 6849-6852, 7658, 7668
Biodiversity and ecology 2112
Biodiversity of African plants 7602
Biological nitrogen fixation associated with rice 4683-4686, 4688-4689, 5198, 5250, 5503
Biology and management of weeds 273-274, 347-348, 4014
Biomass and energy crops 9085, 9469-9471
Brazilian Seeds Conference 8684
Brazilian Soil Science Conference 4676
Brighton crop protection conference, pests and diseases 2855, 3530, 6981-6984, 7033-7035
Brighton crop protection conference: weeds 1218, 1421, 1623, 2109
Cassava breeding, agronomy research and technology transfer in Asia 4456
Cerrado: utilization strategies 2057, 2070
CITS (Munich 1995) 490
Clean water -clean environment -21st century: team agriculture -working to protect water resources 2887-2888, 2893, 3342, 3477, 6350
Clean water -clean environment -21st century: team agriculture -working to protect water resources. Volume 2: nutrients 14, 176-180, 203, 552
Climate change vulnerability and adaptation in Asia and the Pacific 89, 229, 305-306, 777
Commission Internationale Technique de Sucrerie 4168, 5813
Conference on engineering in agriculture and food processing 1996 4894
Conservation farming for the semi-arid tropics 8884, 9060, 9235, 9484-9485, 9489, 9577
Cotton Research Meeting 612
Crop production and crop protection: estimated losses in major food and cash crops 4442
Crop-water-simulation models in practice 4025
Cropping systems in the Great Plains 325, 722, 772, 790
Cultivar improvement of horticultural crops: vegetable crops 2551
Dahlia Greidinger International Symposium on Fertigation 2125, 4597, 4640
Danish plant protection conference: side effects of pesticides, weeds 1493-1494, 1561
Desertification in a European context: physical and socio-economic aspects 3925
Diffuse pollution 2358
Drainage and the environment 244-245, 1751
Driven by nature: plant litter quality and decomposition 2694

Conferences *cont.*
Drought-tolerant crops for southern Africa 3034-3037, 3046-3047, 3055-3059, 3556, 3887, 3892, 3895-3897, 3910-3911
Eco-regional approaches for sustainable land use and food production 575
Ecological aspects of vegetable fertilization in integrated crop production in the field 8330, 8360
Effects of low and high external input agriculture on soil microbial biomass and activities in view of sustainable agriculture 4551
Engineering the economy 8975
Environmental geochemistry 7021, 7861
European Association for Potato Research 6757-6760, 6764, 7051
Exploring the role of diversity in sustainable agriculture 7875
Extension and techniques for land and water for crop production in the semi-arid environment 5191
Extension and techniques for land and water management for crop production in the semi-arid environment 5191
Fertilizers and the environment 723, 3082
Fifth Nordic Symposium on Humic Substances and the HUMOR/HUMEX Project 2206
First national soil phosphate conference 7079-7080, 7276
Fohs symposium on biological stresses 9571
Global climate change and agriculture in the North 4577, 4728, 5218, 5231, 5236, 5238-5239, 6152
Grassland as production site and landscape element 2787
Growing media & plant nutrition in horticulture 1245
Growth regulating substances as economic partners in plant production 4478, 5249
Hazards '93 5611
Hulled wheats 7150
Hydrology in Celtic countries 2793
III Latin American and XVI Andean maize meeting 2892, 2903-2905, 2908-2909, 2916
IIRB (59th Brussels 1996) 4167
Industrial crops and products 8713, 9070, 9374, 9430, 9572
Inorganic nitrogen assimilation 879, 897, 925, 934, 951, 996-997, 1046, 1115, 1396, 3580, 3763
Institut International de Recherches Betteravières 789, 1192-1195, 1198-1206, 4167, 7609-7610, 7622
Integrated nitrogen management in relation to leaching and groundwater quality 18, 183-184
Integrating alternative strategies into weed management 6145
Integrating the management of pests, weeds and diseases of cassava in Africa 5246
INTERDROUGHT international conference. Drought tolerance in higher plants: genetical, physiological and molecular biological analysis 4061, 4399, 4418-4421, 4451
International Association for Vegetation Science 7796
International conference on acidic deposition 148
International conference on jojoba and its uses 2121, 4267
International conference on natural antioxidants and lipid peroxidation in atherosclerosis and cancer 5334
International conference on new industrial crops and products 2121, 3956, 4130, 4267-4270, 4285, 5915-5916, 5930, 5985, 5989
International conference on plant virology 3990

Conferences *cont.*
International conference on polyphenols 3634, 3767, 4111, 4126-4127, 4186, 4289-4290
International conference on quality and safety aspects of food and nutrition in Europe '95 5334
International fructan symposium 6254, 6317, 6320, 6326, 7053
International photosynthesis congress 59, 202, 392, 396, 425, 429, 660, 662, 692, 850, 896, 927, 950, 952, 1019, 1118, 1225, 1318, 1340, 1527-1529, 1544, 1548, 1569, 1573-1575, 1639, 1653-1654, 1720, 1798, 1820-1822, 1933, 2639
International rangeland congress 5233, 8907
International rye symposium: technology and products 2839
International Seed Testing Association 1440
International Society for Tropical Root Crops 591
International symposium on biological control of weeds 1632
International symposium on breeding research on medicinal and aromatic plants 5091, 5157, 6016
International symposium on crop protection 1224, 3268
International symposium on growing media plant nutrition in horticulture 964
International symposium on rye breeding and genetics 2837
International symposium on Thysanoptera 7108
International weed control congress 7259
International workshop on desiccation tolerance and sensitivity of seeds and vegetative plant tissues 7124, 7164, 7207, 7495, 7514, 7588, 7832, 7883
Ion channels 6232-6233, 6289, 6315-6316, 6370, 6666, 6994-6997, 7052
Iron nutrition and interactions in plants 213, 835, 878, 926, 1386-1388, 1443
Irrigation scheduling: from theory to practice 8730, 8893
Japanese Society of Plant Physiologists 6150
Japanese Society of Sugar Beet Technologists 3285, 3290, 3557, 4153, 4158-4159, 4163, 4171-4173, 4176
Land degradation: a challenge to agricultural production 8886, 8946, 9094
Latin American International Rice Conference 3022
Lithuanian Society for Biochemistry 5341, 5412, 5739, 6151
Management of clay soils for rainfed lowland rice-based cropping systems 2275-2276, 2278, 2281, 2357, 2440, 2443, 2446, 2477-2479, 2482, 2672, 4141
Mechanisms and markers of regeneration and genetic stability 6146
Microelements in agriculture 5292, 5294, 5370, 5394, 5405, 5706, 5712, 5803, 5960, 6098, 6107, 6149, 6185, 6188-6190, 6192, 6282, 6290, 6297, 6300, 6306-6307, 6361, 6543, 6547, 6636, 6664, 6730, 6741-6742, 6749, 6766-6769, 6780, 6869, 6897, 6930, 6936, 6987, 7002
Microirrigation for a changing world: conserving resources/preserving the environment 170-173, 598-599, 720, 3482
Milling quality 4522
Milling technology 4521, 4552
Mineral nutrient disorders of root crops in the Pacific 4206-4207, 4211-4218, 4222, 4225-4231, 4234-4236, 4385, 4453
Modelling change in environmental and socioeconomic systems 2188, 2675

Conferences *cont.*
Modelling in applied biology: spatial aspects 844, 857-858, 900, 933, 1183, 1400, 1423, 1441
Modern technologies in field crops 8717, 8839, 8841, 8854, 8885, 8939, 9095, 9488, 9490, 9494, 9537, 9576
National oil plants meeting 9109, 9147-9148
National Rice Research Conference 3022
National soyabeans conference 9109, 9147-9148
New perspectives in mechanisms of herbicide action 7260
New trends in obtaining rapeseed of high technological value 4300-4305, 4312-4315, 4317-4320, 4457
New Zealand plant protection conference 451, 492
Ninth crucifer genetics workshop 2123
Nitrates in agricultural systems 4919, 4924, 5131, 5195
Nitrogen fixation: fundamentals and applications 363, 408-409, 479-481, 1084-1085
Nitrogen leaching in ecological agriculture 1473, 2711, 4836
Nitrogen workshop 877, 1377-1378
North American Agroforestry Conference 3554
North Central Weed Science Society 329, 7886
Oilseed crops 1997, 4307
Olive oil processes and by-products recycling 8914
On-farm sustainable use of saline water irrigation: Mediterranean experiences 6173, 6269, 6677
Organic waste and the protection and productivity of agrocenosis 7174, 7242-7243, 7245-7246, 7817, 7820
PCCMCA 6557
Photomorphogenesis in plants 1138, 1233
Photosynthesis: from light to biosphere 59, 202, 392, 396, 425, 429, 660, 662, 692, 850, 896, 927, 950, 952, 1019, 1118, 1225, 1318, 1340, 1527-1529, 1544, 1548, 1569, 1573-1575, 1639, 1653-1654, 1720, 1798, 1820-1822, 1933
Photosynthesis: from light to biosphere IV 2303
Photosynthesis: from light to biosphere V 2308
Phytochemical Society of Europe 6241, 6322, 6328, 6526, 6644, 6688, 7005-7006, 7050
Plant biology in space 8935-8937, 9262, 9391-9392, 9395, 9435, 9526-9528, 9535-9536, 9574
Plant days 6074, 6096, 6143
Plant embryologists of Czech Republic, Slovakia and Poland 7494, 7838, 7965, 8701
Plant Growth Regulation Society of America 787
Plant hormone signal perception and transduction 860, 876, 887-889, 938-942, 1112-1113, 1135, 1152, 1182, 1305, 1331-1333, 1339, 1397, 1406-1408, 1442
Plant roots — from cells to system 3773, 3790, 4400, 4431, 4452
Plant sectoriality: causes and consequences 2409, 3516
Plant-soil carbon belowground: the effects of elevated carbon dioxide 7147-7148, 7821, 7823, 7826, 7839, 7884
Plant-soil interactions at low pH: principles and management 3934
Plantain and banana production and research in West and Central Africa 9440
Potato Association of America 2122
Precision agriculture 7898, 7919, 8005, 8016, 8033-8036, 8088, 8090-8093, 8097, 8631, 8680-8681, 8688-8689, 8750, 8889, 8898, 9282, 9293, 9475

Conferences *cont.*
Production and utilization of agricultural and forest biomass for energy 909-910, 1417
Prospects for the rational use of the Lithuanian climate and soil potential 7915, 7947, 8500, 8553
Protein phosphorylation in plants 6241, 6322, 6328, 6526, 6644, 6688, 7005-7006, 7050, 7435
Quality of soil and plant analysis in view of sustainable agriculture and the environment 2232, 3489
Quality of soil and plant analysis in view of sustainable agriculture and the environment, part II 2200, 2217, 4483, 5359
Quality seed — from production to evaluation 1440
Rainfed lowland rice 1690
Rangelands in a sustainable biosphere 5233, 8907
Recent advances in plant responses to stress: bridging the gap between science and technology 550
Recent advances in sustainable agricultural research and extension 6101, 6134, 6147
Reclamation and management of waterlogged saline soils 4372
Research and development of potato production in Pakistan 1907, 1927, 9315
Responses of plants to air pollution: biological and economic aspects 2822-2824, 2874, 3073, 3204, 3224-3227, 3440-3442, 3523-3524, 3555
Role of field experiments in crop production research 8836, 9542-9544, 9575
Rotations and cropping systems 5259, 5262-5263, 5281, 6073, 6080-6082, 6092, 6131-6133, 6162
Science for horticultural practice 4370, 9205, 9220, 9257, 9261, 9272
Science of composting 6187, 6988
Scientific Meeting of the Institute of Plant Protection 537-538
Seed production of forage crops as a function of animal feed production and improvement of animal husbandry 4542, 4554
Signalling and plant development 786
Site specific farming 5959
Site-specific management for agricultural systems 1037, 2955
Slug and snail pests in agriculture 3761
Society for Experimental Biology 6232-6233, 6289, 6315-6316, 6370, 6666, 6994-6997, 7052
Soil compression 7857-7858
Soil fertility and plant nutrition 2757, 2981
Soil management in sustainable agriculture 2501, 2685, 3139, 4467, 4480, 4520, 4557, 4602, 4613, 4632, 4752-4753, 5190, 5194
South African Sugar Technologists' Association 5489, 8605
Spanish Weed Science Society 3757
Sterility in wheat in subtropical Asia: extent, causes and solutions 3562, 3570, 3595-3599, 3627-3628, 3645-3651, 3661-3662, 4390, 4455
Stress and assimilation of inorganic nitrogen by plants 8786, 8798, 8815, 8872, 8874, 9055-9056, 9189, 9297, 9361, 9512, 9571
Sugar 2000 Symposium 6018, 6021, 6023, 6026-6027, 6030, 6032-6036, 6039, 6043, 6052-6058, 6060-6064, 6067-6072, 6100, 6144, 6946, 6958, 9442, 9444, 9447-9448, 9463, 9468, 9473, 9556, 9573
Sulfur supply in a modern light 6544, 6877
Sustainability of irrigated agriculture 1255
Sustainability of irrigated agriculture: crop-water-environment models 7133, 7283, 7297, 7370, 7374
Conferences *cont.*
Sustainability of irrigated agriculture: evaluation of the performance of subsurface drainage systems 6174
Sustainability of irrigated agriculture - irrigation planning and management: measures in harmony with the environment 4579
Sustainability of irrigated agriculture: water saving and sustainable irrigated agriculture in the Mediterranean region 6521
Sustainable agriculture in sub-humid zone 2743, 2958, 3157
Swedish crop protection conference 44-45, 762
Symbiotic nitrogen fixation 4774, 4783, 4787, 4820, 4904-4905, 6142
Symbiotic nitrogen fixation in crop rotations with manure fertilization 3564, 5248
Terrestrial ecosystem interactions with global change 85-88, 149, 304, 776
The role of advanced technologies in making effective use of scarce water resources 675
The science of composting 7819
The science of composting: part 2 8912-8913, 9067, 9294
Transport and balance of substances in the unsaturated zone 17, 182, 205, 4417
Transport of photoassimilates 139, 411, 638-639, 685, 731-736, 788
Triticale: today and tomorrow 7169-7172, 7175-7176, 7179
Tropical root crops in a developing economy 591
Tropical weed science conference 273-274, 347-348, 4014
True potato seed in the Middle East and Africa 2502, 2514-2520, 2730
UV-B and Biosphere 4553, 4843, 4856-4857, 5101, 5222, 5224, 5237, 5241, 5247
Waste management problems in agro-industries 1995 169
West Indies Sugar Technologists 1439, 4348, 6048-6049
Wind erosion in West Africa. The problem and its control 953, 1038, 1732
Workshop on plant responses to environmental stress 3621, 3670, 3674, 3843, 4291, 4415
Yield response to water as affected by irrigation schedule 597
Congo, sugarcane, crop production 9440
Coriandrum sativum
production possibilities
Italy 9430
Mediterranean region 9430
seeds, composition, oils 9430
Côte d'Ivoire
farming systems
intensification 8992
shifting cultivation 8992
reports, West Africa Rice Development Association 6140
Cotton
agricultural meteorology 3366
agroforestry 4367, 9476
air pollution, ozone 624, 4264, 5070, 7681
bales, grading 5028
biomass production 5898
bolls
development, insecticides 2585
maturity 6847
mutagens 9359
retention 4241
books 793
carbon dioxide enrichment 730, 2593, 5059, 5071, 5906, 6124
cells, peroxisomes, proteins 5149
chemical composition
betaine 619
boron 3348
calcium 4425
chlorophyll 3358, 5897
gossypolone 3362
hemigossypolone 3362
Cotton *cont.*
chemical composition *cont.*
iron 3358
magnesium 6818
minerals 5897
nitrogen 5032, 6818
phosphorus 5032, 6818
potassium 4425, 5032
proline 3358, 5897
proteins 3361
sodium 4425, 6818
zinc 3358
chloroplasts
enzymes 6828
metabolism 6828
climate 5072
climatic change 5071
cold injury 5066
cold resistance 2591, 6848
cold stress 6833
computer software
expert systems 596
weather reports 5073
continuous cropping 5013, 5864
cotyledons
composition, actin 6835
enzymes 730, 1264
cover crops
oats 5864-5865
Vicia villosa 5885
wheat 6816, 7670
crop husbandry 5015
China, Shandong 4238
India, Madhya Pradesh 5862
Pakistan 5050
USA, Mississippi 5023
crop management
Kenya, reviews 4271
models 9282
crop production
models 625
sustainability 593
USA, Arkansas 3545
crop residues, disposal 7669
cropping systems, sustainability 593, 5863
cultivars
Africa 1261
Brazil 8481
China 6822
Shandong 4238
India, Tamil Nadu 6805
Mexico 6827
mixtures 8480
USA 6823
California 6821
Louisiana 2572
Mississippi 2576
South Carolina 6822
BXN-58 6824
CRI23 5891
CRI24 2594
CRI25 5892
DeltaGEM 609
DeltaPEARL 609
DP5432 6825
El Dorado 2581
H1277 2579
H1330 610
H1560 2579
Laiomian-12 2578
LD491 9356
Lumian-11 5893
Nantongmian 13 7674
PM-183 2580
PM-280 2580
R93-4 1262
Rainbow-34 4251
Sicot-189 2582, 6826
Siokra S-101 2583
Siokra S101 6826
ST-474 6824
Tamcot Sphinx 611
Xinluzao 5 8482
Yumian-10 8483
Zhemian-10 4252
cultivation
chiselling 5020, 7658-7659
conservation tillage 2069, 3352, 5869-5870
deep tillage 7659

Cotton *cont.*
cultivation *cont.*
depth 7658
discing 5019-5020, 7658
interrow cultivation 6804
minimum tillage 2572, 5017-5020, 7659
no-tillage 2069, 4373, 5017-5018, 5020-5021, 5868-5869, 9354
ploughing 5018
ridging 4240, 5020, 5867, 5870
subsoiling 5019, 5870, 7658
defoliants
application date 5023, 5879
butifos 5041
cacodylic acid 6811
cyclanilide 5040
diuron 5876, 6811, 6813
endothal 6811, 6813
ethephon 5040-5041, 6811, 6838
glyphosate 6811
merphos 5040
paraquat 6811, 6838
PICK-Mor 6812
sodium chlorate 6811
thidiazuron 5040-5042, 5876, 5879, 6811, 6813-6814
tribufos 6811, 6813
tributyl phosphorotrithioate 5041
defoliation 5044-5045
USA 5041
desiccants
application date 5023
glyphosate 3345
paraquat 3346
diseases 4442
Verticillium dahliae 3355, 3360, 6827
drainage 6808
drought 4263, 9361
drought resistance 1267, 4263, 6845-6846
reviews 2590
dry matter accumulation 4264
growth stages 615
dry matter distribution 615, 8489
energy requirements 9474
energy value 5188
enzymes
acyltransferases 1264
adenosinetriphosphatase 5904
catalase 2592, 5066
β-glucanase 7676
glutathione reductase (NAD(P)H) 2592, 5066
glutathione transferase 2592, 5066, 5068
IAA oxidase 4257
isocitrate lyase 6829
isomerases 5056
ligases 5056
malate dehydrogenase 6828
nitrate reductase 1267
oxidoreductases 6828-6829, 8493
peroxidases 2592, 3355, 5063-5064, 5066, 6829, 6845
pyruvate dehydrogenase (lipoamide) 6828
ribulose-bisphosphate carboxylase 730, 3343
sucrose synthase 7676
superoxide dismutase 5066, 6845
transferases 2592, 7676
establishment 5022
evapotranspiration 3368, 6806, 6809, 6832
farm inputs 9474
farming systems
organic farming 5014-5015
sustainability 5013
fertilizers
application methods 607
boron 1257, 6815, 6846
application date 1259
foliar application 1258-1259, 3348
requirements 1260
sources 3348
composts 5889
compound fertilizers 4245, 6846
farmyard manure 9355
filter cake 8479
foliar application 607, 1251

Cotton *cont.*
fertilizers *cont.*
liquid fertilizers 4245, 5888
magnesium 9353
nitrogen 593, 599, 1252, 1255-1256, 3340, 3347, 4254, 5013, 5023, 5032, 5051, 5070, 5863, 5873, 5877, 5883-5884, 5888-5889, 5898, 6816-6817, 7661, 7670, 7673, 7677, 8477-8478, 9349, 9353, 9355
application date 4246, 5880
application methods 9348, 9354
foliar application 4246, 5881-5882
requirements 4368, 5055
residual effects 3588
sources 2574, 5881-5882, 5885, 9497
techniques 6853
use efficiency 4373, 5885, 6818
NPK fertilizers 6805, 7814, 8479
organic fertilizers 6846
phosphorus 1252, 1256, 3340, 5888, 5898, 6816, 7661, 7670, 7673, 9355
application methods 9348, 9354
sources 9492
use efficiency 4248
potassium 608, 1256, 2576, 4247, 5052, 6815-6818, 6846, 7661, 7673, 7813, 9355
application date 5886
application methods 7670, 7672, 9354
foliar application 7671
requirements 5887
use efficiency 4248
poultry manure 5889, 9497
slow release fertilizers
application date 4246
foliar application 4246
sulfur
application date 6819
sources 6819
trace element fertilizers 4250
foliar application 4249
zinc 5584, 6820, 9353
fibre quality 1253
fibres
cell walls, ultrastructure 9360
composition
actin 6835
carbohydrates 6833
proteins 2586, 5901
sugars 6838
waxes 618
development 2586-2587, 5901, 6841, 7676
drought 6833
temperature 6833, 6847
differentiation 5064
enzymes 7676
length 5047
metabolism, proteins 2586
morphology 6852
optical properties 6839
quality 1958, 2584, 3364, 5014, 5029, 5045-5046, 5058, 5072, 5879, 5884, 5901-5902, 6817, 6822, 6827, 6837-6838, 6840-6841, 6843, 6851, 7665, 8471, 8480
cultivars 594
determination 6854
measurement 5062
mutagens 9359
prediction, models 5047
processing 6821, 6836
salinity 8496
sowing date 594
standards 6850
sampling, techniques 5048
stickiness 6838
ultrastructure 4262
flooding 5903
flowering
flowering date 5879
models 8497
flowers
abscission 9358

Cotton *cont.*
flowers *cont.*
gynoecium
composition, proteins 2586
growth regulators 5061
metabolism, proteins 2586
morphology 2588
removal 1957, 5894
fruits, removal 5894
fungicides
etridiazole 9348
mancozeb 2573
metalaxyl 9348
quintozene 9348
gene expression, light 6829
green manures
Lablab purpureus 4368
legumes 593
growth 615
growth regulators 616
models 5059, 5908, 8490
temperature 7680
growth analysis 5074, 6834
computer software 5075
growth regulators 604
abscisic acid 5061
Atonik 4244, 5875
auxins 5875
bensulfuron 7667
benzyladenine 3365, 6842, 8492
brassinosteroids 6980
carboxylic acids 5875
chlormequat 7666
cyclanilide 5040, 5900
cytokinins 602, 5875
Cytoplex 5872
2,4-D 3365, 5053, 5060, 5063
DCTA 601
ethephon 3344, 5040-5042, 5900
fusicoccin 4258
gibberellins 603, 605, 3339, 5034-5036, 5061, 5063, 5875, 5877-5878, 6830
growth inhibitors 5053, 5060
IAA 3365, 5061, 6842
IBA 603, 605, 5034-5035, 5875, 5877, 6830
kinetin 3365, 6842, 8492
mepiquat 602-603, 605, 1251, 3343, 4245, 5023-5024, 5033-5039, 5051, 5875, 5877, 5884, 6804, 6810, 7666-7667, 8472
methanol 616
metribuzin 5053, 5060
NAA 5063, 6842, 8492
paclobutrazol 4259
growth stages 5059
harvest index 8489
harvesting 5046, 5073
harvesting date 4242, 5047
harvesting losses 7668
machinery 5043, 7668
methods 5044, 5048
heat resistance 4263
heat shock 4263, 9361
heat sums 5073
herbicides 5016, 7660
Bay foe 5043 2109
bensulfuron 7667
bromoxynil 3354
clomazone 612
cyanazine 1953
damage 612
diuron 1951, 1953
fluazifop 4254
fluchloralin 1952
fluometuron 612, 1953, 4254, 5021
fomesafen 4254
glyphosate 3353
imazaquin 4255
imazethapyr 4255
methazole 1953
metolachlor 4254
MSMA 1953, 4253
norflurazon 1953
oxyfluorfen 5866
paraquat 2592
pendimethalin 1951-1952, 2584, 4254, 5866
prometryn 1953, 9357
cultivars 7675

Cotton *cont.*
herbicides *cont.*
pyrithiobac 1953, 3350-3351, 3354, 4253, 4439, 8485
residual effects 4255
tolerance, cultivars 7675
toxicity 3351, 3354, 4439, 8485
trifluralin 612, 2584
in vitro culture
cryopreservation 621, 6121
culture media 3365, 5063
enzymes 5063-5064, 8493
explants 3365
fibres, differentiation 5064
growth 5063
growth regulators 3365, 5063, 6842, 8492
metabolism 8493
ovules 5064
regeneration 1959, 8492
regenerative ability 3365
salinity 613
somatic embryogenesis 8494
vitrification 6842
insecticides
carbofuran 8487
cyhalothrin 2585
cypermethrin 1954, 2585
deltamethrin 1954, 2585
fenvalerate 1954, 2585
monocrotophos 2585
phosalone 2585
quinalphos 2585
triazophos 2585
intercropping
Capsicum 2065
groundnuts 3338
maize 2065, 5025, 6967
onions 2065, 5866
soyabeans 2065, 3338, 4239, 5025, 6966
Vigna mungo 3338, 6966
Vigna radiata 2065, 2571, 3338, 6966
Vigna unguiculata 2065, 6966-6967
internodes, growth 5059
irrigation 620, 3341, 3483, 5873, 7665, 8473, 9362
economics 4243
fertigation 5883
furrow irrigation 600, 2571, 4243, 5031
irrigation requirements 3342
irrigation scheduling 597, 3342, 3347, 5029-5030, 5032, 5899, 6807, 6809, 6978, 7663, 9351
microirrigation 3482
models 596, 6809
saline water 3342, 4372
sprinkler irrigation 7664, 8477, 9352
subsurface irrigation 9352
trickle irrigation 598-599, 1253, 1950, 4243, 5031, 6808, 8477, 9352
waste water 6095
leaf area index 3363, 8475
leaves
anatomy 1268
canopy 1957, 5896
reflectance 5907
cell membranes, permeability 1267
composition
actin 6835
boron 6815
chlorophyll 3343, 4257, 6845, 8472
fatty acids 3360
lipids 3360
malonaldehyde 6845
nitrogen 1957
potassium 3357, 5070, 6815
secondary metabolites 4257
semiochemicals 1266
starch 2593, 3343
volatile compounds 1266
damage 1266
development 5896
enzymes 730, 1267, 3343, 4257
gas exchange 2577
growth 5059
growth regulators 4257

Cotton *cont.*
leaves *cont.*
leaf area 2589, 3363, 8495
metabolism 3360, 5896
movement, diurnal variation 7678
osmoregulation 6831
removal 1266
size 5896
stomata 1268
stomatal resistance 2577, 2593, 6844
models 7681
water content 8495
water potential 1950, 2589, 5899, 8495
weight 3363
light
interception 7678
use efficiency 1957
light intensity 5902
maturity stage 4241
metabolism
amides 9361
amino acids 5896, 9361
ascorbic acid 2592
fatty acids 3360
gossypol 5056
herbicides 7675, 9357
lipids 3360
organic acids 5896
oxaloacetic acid 6828
phospholipids 1264
proteins 2586
sesquiterpenoids 5056
starch 8493
sugars 8493
volatile compounds 5895
mineral nutrition
aluminium, toxicity 9497
boron, deficiency 614, 8488
interactions 1269
iodine 2681
manganese, toxicity 5903
nitrogen
deficiency 2589, 5898
foliar diagnosis 5055, 5882
techniques 6853
phosphorus 5906
deficiency 5897-5898
potassium 5070
deficiency 3357, 3359, 5052
foliar diagnosis 3357
sulfur, deficiency 3358
zinc, foliar diagnosis 5584
mineral uptake
calcium 4425, 8488
nitrogen 1256, 3740, 5885, 6818
phosphorus 614, 738, 1256
potassium 1256, 4425
sodium 4425, 8495
models 1960
mulches
cotton gin trash 7662
organic wastes 7662
plastic film 1254, 2132, 4242, 5030, 5874, 6806, 8474-8476
waste paper 7662
wood chips 7662
multiple cropping 7798
maize 7657
sesame 7657
sorghum 7657
soyabeans 7657
sunflowers 7657
tomatoes 7657
wheat 2065, 3337
mutagens, colchicine 9359
nitrification inhibitors 2574, 3740, 5889
pests 4442
Amrasca biguttula biguttula 8487
Anthonomus grandis 5018
Aphis gossypii 8487
Bemisia argentifolii 4256, 5054
Bemisia tabaci 5050
Campylomma livida 8486
Creontiades dilutus 8486
Earias insulana 8487
Helicoverpa 8486
Helicoverpa armigera 5050, 8487
Heliothis 1263
leaf curl virus 5050
Lepidoptera 1954

Cotton *cont.*
pests *cont.*
Pectinophora gossypiella 8487
Solenopsis invicta 7024
Spodoptera exigua 5895
Spodoptera frugiperda 1263
Tetranychus urticae 1955
photosynthesis 4256, 5054, 5896
carbon dioxide 730, 2593
electron transfer 7675
gas exchange 616, 2593, 6844
growth regulators 3343, 6830
leaf age 3356
light intensity 3356
seed treatment 8472
water stress 1267, 3367, 6830, 6845
plant competition, weeds 3349
plant density 595, 1253, 1957, 5873, 6810, 7661, 8473
plant height 4241, 5059
prediction 5037
precipitation 3520, 5065
production possibilities
India
Andhra Pradesh 7814
Haryana 7036
pruning 7666
remote sensing 9362
microwave radiation 8498
yields 6849
root shoot ratio 4264, 5897
root systems 620
roots
composition, actin 6835
density 6806
distribution, models 620
growth 5906, 6806, 6846
hydraulic conductivity 4264, 5057
length 623
osmoregulation 6831
rotations 9492
fallow 1949, 3337
Lablab purpureus 4368
legumes 593, 5863
Lens culinaris 1948
maize 5013, 5027, 5869
sesame 5016
sorghum 5017, 5864, 5869
soyabeans 4368, 5016, 5027, 5864
sugarbeet 7677
Trifolium alexandrinum 1948
Trifolium incarnatum 5013
Vicia 5013
Vicia faba 1948, 4368
Vigna unguiculata 1949
wheat 1948, 3588, 5017, 5020
row spacing 620
salinity 613, 622, 1268, 2592, 3368, 4259, 4425, 5068, 5904-5905, 8495-8496
salt tolerance 2592, 4259, 4425, 5068, 5904
cultivars 622, 1268, 8495
seed inoculation, *Azotobacter* 8479
seed production 606
spacing 9350
seed quality 5058, 7663
seed treatment
coatings 5022
dioxins 617
fungicides 2573
growth regulators 3339, 4257, 4259, 5871-5872, 8472
insecticides 7024
irradiation 8471
magnetic field 716
mineral nutrition 5871
osmotic pretreatment 1251
soaking 2573
sodium phosphate 2573
trace elements 5872
seedbed preparation 595, 1251, 5870, 6804, 7660
seedlings
composition
chlorophyll 4259
fatty acids 4260
nitrogen 6848
phosphatidylinositol 4260
proline 4259
sugars 4259

Cotton *cont.*
seedlings *cont.*
emergence 1251, 5067, 5069, 5871
fertilizers 5888
greening 6829
growth 8472
vigour 5871-5872
seeds
composition
fatty acids 4260, 5058
oils 5058
phosphatidylinositol 4260
proteins 4261
enzymes 5066
germination 4260
allelopathy 7677
salinity 622
seed treatment 2573
storage 626, 2573
temperature 5058
imbibition 5022
plasma membranes, composition, proteins 7679
storage, containers 626
senescence 1265
shading 6844, 9476
soil
nitrogen 5883
potassium 2575, 5887
zinc 5584
soil amendments
solid wastes 5890
waste paper 9497
soil compaction 5067, 5069
soil fertility, models 1269
soil inoculation, bacteria 4248
soil physical properties 5026
soil properties 3520-3521
models 1269
soil temperature 620, 5030, 5067
soil types 7036, 7672
soil water 3520-3521, 5067
soil water content 623, 5903, 6832, 6846
solar radiation 6832
sowing, comparisons, transplanting 5874
sowing date 594-595, 4241, 5023, 5067, 6807, 9348
sowing methods, direct sowing 1252, 1948, 5020, 7660
spacing 1253, 2571, 3340, 4239, 5024-5028, 5873, 6805, 9349-9350
stems, composition, lignin 8491
temperature 5059, 5065, 5071, 6832, 7680
terminology 5909
translocation
herbicides 7675, 9357
phosphorus 614
photosynthates 3367
potassium 3357, 8495
source sink relations 3367, 4264
transpiration 4263, 5057, 6809
growth regulators 6830
water stress 6830, 6845
transplanting, comparisons, direct sowing 1252, 1948, 5874
tropisms
geotropism 617
phototropism 7678
uptake, herbicides 9357
water conservation 595
water relations 1950, 3342
water requirements 3342, 4402
water stress 1267, 2589, 3367, 4263, 6830-6831, 6833, 9361
water uptake 1950, 3368, 4263, 6806
water use 2132, 6806
models 1956
water use efficiency 3347, 4243, 6978
weather 4241, 5073
weed control
cultivation 3352, 5016, 5021, 8484
herbicides 1951, 3352-3353, 5021, 5866, 8484
hoeing 1952
integrated control 1952
manual weed control 1951-1952, 4254, 5866, 8484
weeds 4442, 5016
Cassia occidentalis 1953
Ipomoea lacunosa 612

Cotton *cont.*
weeds *cont.*
Pharbitis hederacea 612
Xanthium strumarium 612
yearbooks, Australia 9578
yield correlations 9358
yield losses, reviews 767
yields
determination, equipment 5049
estimation, techniques 5076
mapping 5049
models 8470
Pakistan 5050
seasonal variation 5013, 5023
spatial variation 5049
trends 593
Cover crops
Brassica 9487
Cajanus cajan
biomass production 6739
establishment 6739
soil conservation 6739
cereals 9487
mineral uptake, nitrogen 6073
Lathyrus hirsutus 7801
legumes, reviews 4357
Lolium multiflorum 7801
mineral uptake, nitrogen 1558
Phacelia tanacetifolia, mineral uptake, nitrogen 1558
Phaseolus lunatus
biomass production 6739
establishment 6739
soil conservation 6739
Phaseolus vulgaris
biomass production 6739
establishment 6739
soil conservation 6739
rape, mineral uptake, nitrogen 1558
root crops, mineral uptake, nitrogen 6073
rye 7801
cultivation 6079
fertilizers 6079
growth, models 7409
mineral uptake, nitrogen 1558
selection, Nigeria 6738
Sinapis alba, mineral uptake, nitrogen 1558
soyabeans
biomass production 6739
establishment 6739
soil conservation 6739
Sphenostylis stenocarpa
biomass production 6739
establishment 6739
soil conservation 6739
Vicia villosa 7801
Vigna unguiculata
biomass production 6739
establishment 6739
soil conservation 6739
Cowpeas *(see Vigna unguiculata)*
Crambe, production possibilities, Argentina 5983
Crambe abyssinica
cultivars, Italy 5134
fertilizers
nitrogen 4324, 6903
phosphorus 6903
potassium 6903
growth analysis 2082
growth regulators, benzyladenine 5109
in vitro culture
culture media 5109
growth regulators 5109
regeneration 5109
production possibilities
China 9412
Italy 5134
seeds
composition
erucic acid 4324, 5134
fatty acids 4324, 9412
glucosinolates 9412
oils 4324, 5134, 9412
soil fertility 6903
soil types 6903
Cratylia floribunda
metabolism
carbohydrates 3270
glycoproteins 3270

Cratylia floribunda *cont.*
metabolism *cont.*
lectins 3270
Croatia
field crops, crop production 6074
maize
cultivars 2902
seed production 2756, 2895
soyabeans, cultivars 3952
wheat
cultivars 2761
seed production 2755-2756
Crop husbandry
Arctic Regions 5238
Argentina 6136
Brazil 2112
cultivars, Mediterranean region 4379
farm inputs, models 9547
Crop management
computer software, expert systems 4579
computer techniques 6981-6984, 7033-7035
models 5225
precision farming 6981-6984, 7033, 7035
remote sensing 9551
reviews 9552
USA, North Carolina 9475
Crop production
acid soils, books 1445
books 8709
climatic change
Asia 777
reviews 777
fertilizers, potassium, India 2074
India, Madhya Pradesh 1369
models 4447
USA 790
Cropping systems
allelopathy, reviews 4427
biomass production, India 7037
energy relations 8620
energy requirements 8620
Ethiopia 1455
India 1426
Madhya Pradesh 1369
reviews 771
Tamil Nadu 2716
intercropping 7796
models 2675, 4447, 5181, 6132
Nepal 6088
planning, India, West Bengal 7881
precipitation 755
India, Haryana 3478
shifting cultivation
books 7892
Mexico 4581
surveys 7038
USA 790
Crops
diversity, India, Uttar Pradesh 1374
growth, models 2107
models 2102, 2105
space science 2098
yields, climatic change, China, Shandong 7879
Crotalaria juncea
chemical composition
chlorophyll 632
lipids 632
phenols 632
proteins 632
starch 632
sugars 632
drought resistance 8672
inoculation, *Bradyrhizobium* 7563
leaves
stomata 632
trichomes 632
mineral nutrition, nitrogen 7563
multiple cropping, wheat 3471
nodulation 7563
pollution, cement dust 632
roots, growth 1168
seeds
composition
ash 3271
fatty acids 3271
minerals 3271
oils 3271
proteins 3271
soil compaction 1168

Crotalaria juncea *cont.*
sowing date 5914
spacing 5914
water stress 8672
Crotalaria ochroleuca
fertilizers, phosphorus 9274
mineral nutrition, phosphorus 9274
shoots, composition, minerals 9274
Cuba
Phaseolus vulgaris
crop husbandry 6673
seed production 6673
wheat, cultivars 2769
Cucurbita foetidissima, production possibilities, Argentina 5983
Cultivation 3542
methods, Italy 6974
no-tillage, books 5256
Cuphea
in vitro culture, regeneration 9432
production possibilities, Argentina 5983
Cuphea lanceolata
enzymes
acyltransferases 5136
fatty-acid synthase 5136
metabolism, fatty acids 5136
Cyamopsis tetragonoloba
allelopathy
weeds 475
wheat 8677
chemical composition
amino acids 9270
chlorophyll 9270
proteins 9270
enzymes
catalase 8416
glutamate-ammonia ligase 9270
glutamate dehydrogenase 9270
glutamate synthase 9270
glutathione reductase (NAD(P)H) 8416
nitrate reductase 9270
peroxidases 8416
evapotranspiration, models 742
fertilizers
nitrogen 7592
foliar application 469
sources 469
phosphorus 4897, 7592
potassium 7592
sulfur 4897
sources 4898
herbicides
fluchloralin 8415
pendimethalin 8415
intercropping
Pennisetum glaucum 7797
Ricinus communis 8623
sorghum 7797
irrigation, irrigation scheduling 1375
leaves, composition, chlorophyll 475
multiple cropping, wheat 1375, 3471
nitrogen fixation 8416
plant competition, weeds 470
precipitation 3478
production possibilities, India, Haryana 7036
root nodules
composition, leghaemoglobin 8416
enzymes 8416
root systems 7797
salinity 7593, 8416
seeds
anatomy 2481
germination 469
allelopathy 475, 8677
testas 2481
vigour 469
shading 9270
soil types 7036
sowing date 1187
transpiration 9270
water use 1375
weed control
hoeing 8415
manual weed control 8415
weeds
Amaranthus viridis 470
Cynodon dactylon 470
Cyperus rotundus 470
Digera arvensis 470
Cyamopsis tetragonoloba *cont.*
weeds *cont.*
Parthenium hysterophorus 475
Trianthema portulacastrum 470
Cyprus, reports, Agricultural Research Institute 1437
Cyrtosperma
mineral nutrition 4235
soil types, Western Samoa 4235
Cyrtosperma chamissonis, crop husbandry, Kiribati 4234
Czech Republic
pollution, heavy metals 7861
potatoes, cultivars 4939, 8455
safflower, cultivars 8519
sugarbeet
crop husbandry 7606
cultivars 1890, 2489, 4161, 9295
Triticum spelta, production possibilities 1740
Databases
soyabeans
nitrogen fixation 8292
nodulation 8292
Daylength (*see* Photoperiod)
Defence mechanisms, reviews 5229
Defoliants
butifos, cotton 5041
cacodylic acid, cotton 6811
cotton, application date 5023
cyclanilide, cotton 5040
diuron, cotton 6811, 6813
endothal, cotton 6811, 6813
ethephon, cotton 5040-5041, 6811, 6838
glyphosate, cotton 6811
merphos, cotton 5040
paraquat, cotton 6811, 6838
PICK-Mor, cotton 6812
sodium chlorate, cotton 6811
thidiazuron, cotton 5040-5042, 6811, 6813-6814
tribufos, cotton 6811, 6813
tributyl phosphorotrithioate, cotton 5041
Denmark
barley, cultivars 6104, 8638
farming systems, organic farming 5248
Linum usitatissimum, cultivars 6104, 8638
maize, cultivars 9500
National Committee for Plant Production, reports 784
oats, cultivars 6104, 8638
Papaver somniferum, cultivars 8638
peas, cultivars 6104, 8638
potatoes, cultivars 9500
rape, cultivars 8638, 9500
reports
Danish Institute of Plant and Soil Science 5245
Plantedirektoratet 9563
rye, cultivars 3691, 5375, 6104, 8638
Sinapis alba, cultivars 6104, 8638, 9500
sugarbeet, cultivars 9500
triticale, cultivars 8638
Vicia faba, cultivars 6104, 8638
wheat, cultivars 6104, 8638
Desiccants
buminafos, potatoes 4938
cotton, application date 5023
diquat, potatoes 2513, 4197, 4938-4940
glufosinate, potatoes 4939
glyphosate, cotton 3345
paraquat
cotton 3346
maize 5434
potatoes 8436
Dictionaries
agriculture 3561
books 7889
farming systems, sustainability 3561
plants 7889
nomenclature 4461
Digitaria exilis
enzymes, amylases 3904
seeds, germination, enzymes 3904
Dimorphotheca pluvialis
seeds
composition
fatty acids, determination 7691
oils, determination 7691
Dioclea grandiflora
metabolism
carbohydrates 3270
glycoproteins 3270
lectins 3270
Dioclea virgata
metabolism
carbohydrates 3270
glycoproteins 3270
lectins 3270
Dioscorea
apical meristems, cryopreservation 5855
bulbils, dormancy 2567
Central Africa 6797, 6800
crop management, Kenya, reviews 9347
cultivars, Brazil, Mato Grosso do Sul 6798
fertilizers
NPK fertilizers 4226
organic fertilizers 4226
growth regulators, jasmonic acid 8665
in vitro culture, cryopreservation 5855
nematicides
cadusafos 592
ethoprophos 592
pests, *Scutellonema bradys* 592
planting stock, reviews 4223
seeds, dormancy 2567
taxonomy 6800
tubers
dormancy 2537
growth regulators 8665
Dioscorea alata
cultivars, Brazil, Mato Grosso do Sul 6798
fertilizers
magnesium 5004
nitrogen 5004
phosphorus 5004
potassium 5004
trace elements 5004
growth regulators
2,4-D 1946, 5854
gibberellins 1946
in vitro culture
culture media 9343
explants 5854
growth regulators 1946, 5854
light 5854
regeneration 5854
somatic embryogenesis 1946
leaves, leaf area 5853
mineral uptake
calcium 5004
magnesium 5004
nitrogen 5004
phosphorus 5004
potassium 5004
seed tubers, seed pieces, weight 5851
spacing 5851
tubers
composition
carbohydrates 5005
elements 5860
starch 5005
dormancy 5005
metabolism, carbohydrates 5005
sprouting 5005
storage
disorders, reviews 2569
losses 5005
reviews 2570
Dioscorea batatas
cultivars, Qunfeng 5852
planting methods 6799
tubers, growth 6799
Dioscorea cayenensis
cultivars, Brazil, Mato Grosso do Sul 6798
tubers
composition, elements 5860
storage
disorders, reviews 2569
reviews 2570
Dioscorea dumetorum
enzymes, peroxidases 4224
tubers
composition, elements 5860
enzymes 4224
Dioscorea esculenta
leaves, leaf area 5853

Dioscorea esculenta *cont.*
mineral nutrition, manganese, deficiency 4236
tubers
composition
carbohydrates 5005
starch 5005
dormancy 5005
metabolism, carbohydrates 5005
sprouting 5005
storage
disorders, reviews 2569
losses 5005
reviews 2570
Dioscorea japonica
cells
cell membranes 9342
plastids 9342
ultrastructure 9342
metabolism, starch 9342
tubers
cell membranes 9342
metabolism 9342
Dioscorea opposita
growth regulators, growth inhibitors 6114
planting stock 5003
supports, netting 5003
Dioscorea rotundata
cultivars, Nigeria 1945
growth regulators
benzyladenine 3335
NAA 3335
in vitro culture
culture media 3335
growth regulators 3335
regeneration 3335
intercropping
maize 591
sweet potatoes 591
leaves, leaf area 5853
plant competition, weeds 591
storage
air flow 1250
losses 1250
tubers
composition
carbohydrates 5005
elements 5860
starch 5005
damage 1250
dormancy 5005
metabolism, carbohydrates 5005
sprouting 5005
storage
coatings 9344
disorders, reviews 2569
losses 5005, 9344
reviews 2570
storage decay 1250
Dioscorea trifida
growth regulators
2,4-D 5002
gibberellins 5006
maleic hydrazide 5002
mulches, plastic film 5002
seed tubers
production 5002
storage 5002
relative humidity 5006
temperature 5006
storage decay 5002
treatment, growth regulators 5006
Directories, farming systems, organic farming 5255, 6155
Diseases
Cercospora sojina 6584
Colletotrichum destructivum 6584
defence mechanisms, reviews 7872
Fusarium culmorum, wheat 71
Dolichos, taxonomy 7602
Dolichos lablab *(see Lablab purpureus)*
Drought 4421
Brassica napus 671
cereals 5611, 9094
cotton 4263, 9361
Eragrostis tef 1737
groundnuts 5700
maize 219
cultivars 2877
models 3795
models 778
Drought *cont.*
peas 8422
Phaseolus vulgaris 8422
Poland 2717
potatoes, monitoring 9327
reviews 4399, 4418, 4420
rice 302
Indonesia 305
soyabeans 8291, 8422
sugarbeet 4171-4173
sugarcane 8609
Vicia faba 6669
wheat 847, 4516, 6230
Drought resistance 4451
reviews 4419-4420, 5206, 8673
rice, cultivars 3870
Dry matter distribution, reviews 4409
East Africa, *Phaseolus vulgaris,* cultivars 3214
Echinochloa
chemical composition 7887
crop husbandry 7887
crop production 7887
ecology 7887
growth 7887
taxonomy 7887
Echinochloa colonum
chemical composition, chlorophyll 7383
growth regulators
benzyladenine 2355
gibberellins 2355
NAA 2355
in vitro culture
flowering 2355
growth regulators 2355
organogenesis 2355
regeneration 2355
mineral nutrition, manganese, toxicity 7383
pollution, heavy metals 1736
roots, growth, pollution 1736
seeds, germination, mineral nutrition 7383
Echinochloa crus-galli, grain, composition, proteins 1745
Echinochloa frumentacea
cultivars, Japan 2354
grain, composition, carotenes 8668
herbicides
chlorimuron 7382
isoproturon 7382
metsulfuron 7382
tribenuron 7382
mineral uptake
aluminium 9538
iron 9538
manganese 9538
roots
mechanical properties 6549
penetration 6549
root hairs 6549
soil amendments, lime 9538
soil pH 9538
weed control, manual weed control 7382
Ecosystems, models 2117
Ecuador, maize, cultivars 2892
Egypt
fodder beet, cultivars 1894
groundnuts, cultivars 5693
maize, cultivars 1605
Phaseolus vulgaris, cultivars 7508
potatoes, cultivars 1207
rice, cultivars 2300
wheat, cultivars 4488
Eleusine coracana
allelopathy 2690
Acacia nilotica 6122
Cassia siamea 6122
Eucalyptus camaldulensis 6122
Pongamia pinnata 6122
Sesbania grandiflora 6122
cells, plasma membranes, permeability 3912
cultivars
genotype environment interaction 3061
India
Orissa 4747
Uttar Pradesh 1735
fertilizers
composts 3497
Eleusine coracana *cont.*
fertilizers *cont.*
crop residues 3497
farmyard manure 1041, 4748
nitrogen 1040-1041, 1735, 5606, 7381
application methods 5605
NPK fertilizers 4748
phosphorus 1041, 5606, 7381
potassium 1041, 7381, 7813
sewage sludge 3497
sulfur 7381
field experimentation
plot size 3062
statistical analysis 3062
grain, composition, carotenes 8668
herbicides, tribenuron 322
intercropping, *Capsicum* 5604
irrigation 5604, 7381
mineral uptake
aluminium 9538
iron 9538
manganese 9538
multiple cropping, rice 3470
photoperiod 4747
production possibilities, India, Madhya Pradesh 6540
roots
composition
calcium 3912
magnesium 3912
phosphate 3912
potassium 3912
sodium 3912
mechanical properties 6549
penetration 6549
root hairs 6549
salinity 3912
seed inoculation, *Azospirillum* 7381
seedlings, growth, salinity 3912
seeds
germination
accelerated aging 5226
allelopathy 6122
inhibitors 3497
salinity 3912
storage 5226
storage 5226
viability 5226
soil amendments, lime 9538
soil pH 9538
sowing date 1376, 4747
temperature 4747
transplanting, seedling age 5605
weed control, manual weed control 7381
Energy balance, models 5242
Energy relations, reviews 4414
Environmental factors, plant physiology, reviews 2698
Enzymes
adenosinetriphosphatase 1407
aminotransferases 3507
carbonate dehydratase, reviews 5204
ferroxidase 1386
glutamate-ammonia ligase, reviews 1396, 8650
glutamate dehydrogenase 3507
reviews 1396
glutamate synthase, reviews 1396, 8650
glutathione transferase, reviews 8651
glycosyltransferases, reviews 1395
isomerases, reviews 8649
lipoxygenase, reviews 8649
lyases, reviews 3509
nitrate reductase, reviews 1396
nitrite reductase, reviews 1396
oxidoreductases 3507, 9531
determination, techniques 2865
reviews 5203, 7007, 7829, 8648-8649
oxygenases, reviews 1395
phosphatidate phosphatase, reviews 1398
phospholipase A_2 1397, 1407
phospholipase C 1397
protein kinase 1397, 1407
reviews 4397, 7005
proteinases 9514
reviews 740
reviews 7006, 7830
ribulose-bisphosphate carboxylase 3508
determination, techniques 4355
transferases, reviews 8547

Equipment
cotton, yields, determination 5049
cultivation, wheat 2744
growth chambers, gas exchange 1419
leaves, canopy, measurement 1420
mulching, rice 2970
ploughs, wheat 7057
rice, leaves, colour, measurement 2327
seed boxes, rice 2962
seed drills
cereals 3480
maize 3480
soyabeans 3480
wheat 2746
sowing
rice 2970
wheat 2744
threshing drums, triticale 2198
wheat, sowing depth 7066
Eragrostis tef
cultivars, Ethiopia 3066
drought 1737
drought resistance, cultivars 1042, 1737
grain
composition
proteins 3916
starch 3916
in vitro culture
culture media 3917
regeneration 3917
irradiation, gamma radiation 3917
leaves, water stress 1737
seed treatment
soaking 4750
temperature 4750
seeds
anatomy 3916
germination
seed treatment 4750
temperature 4750
Eruca vesicaria* subsp. *sativa
growth regulators
gibberellins 6918
IAA 6918
salinity 6918
seeds
composition
fatty acids 2019
oils 2019
germination
growth regulators 6918
salinity 6918
Ethiopia
barley, crop husbandry 6301
Brassica carinata, cultivars 2020
cropping systems 1455
Eragrostis tef, cultivars 3066
groundnuts, cultivars 3160
land use 1455
maize, cultivars 3752, 3755
potatoes, true seeds 2516
Ethnobotany, books 2128
Euchlaena mexicana *(see Zea mexicana)*
Euphorbia lagascae
chemical composition, fatty acids, determination, techniques 1324
production possibilities
Italy 9430
Mediterranean region 9430
seeds, composition, oils 9430
Euphorbia lathyris, production possibilities, Argentina 5983
Europe
books, climatic change 2130
climatic change
cropping systems 2116
global warming 2116
Hibiscus cannabinus, crop husbandry 4267
Evapotranspiration, models 3513, 3544
Faba beans *(see Vicia faba)*
Fabaceae
leaves, epidermis, waxes 3527
taxonomy 3527
Fagopyrum spp. *(see* Buckwheat)
Fagopyrum tataricum
grain
quality 5158
size 5158
seeds
quality 5158
Fagopyrum tataricum *cont.*
seeds *cont.*
size 5158
Fallow, soil water 7800
Farming systems
agroforestry
Rwanda 5191
Zimbabwe 5191
alternative farming 6133
reviews 2113
arable farming
cycling, nitrogen 2711
reviews 2710
Russia 3918
Australia, reviews 9484
climatic change, models 7040
crop production, models 3540
diversification, Vietnam 9557
dry farming 3466
China 6129
energy sources, Africa South of Sahara 1425
environmental factors, Colombia 1427
environmental impact, models 3540
extensive farming
Chile 9554
Morocco 9554
Spain 9554
integrated systems 1740, 3466, 3472
Germany 3476
reviews 772, 2710
Sahel 5233
West Africa 5233
intensification
Côte d'Ivoire 8992
Russia 3918
intensive farming
Chile 9554
Morocco 9554
Spain 9554
land diversion 6162, 7877
reviews 2710
leys, Australia, Northern Territory 9060, 9485
low input agriculture 5232
mixed farming
Africa South of Sahara 1425
Nigeria 2709
models 2675, 6126
nature conservation
Chile 9554
Morocco 9554
reviews 2710
Spain 9554
organic farming 1740, 3472, 3563, 6081, 6130, 9559
Denmark 5248
directories 5255, 6155
Germany 5248
India, Uttar Pradesh 7876
Italy 6128
research, Hungary 775
reviews 772, 3537
Slovakia 3537
setaside 6162, 7877
shifting cultivation, Côte d'Ivoire 8992
spatial variation, reviews 7875
subsistence farming
Chile 9554
Morocco 9554
Spain 9554
sustainability 1426, 3536, 5596, 7040, 9553, 9555-9556
Australia, New South Wales, books 6154
books 9582
China 6129
dictionaries 3561
Mali 3541
models 3540
New Zealand 9558
reviews 3538, 5234
Sahel 5233
thesauri 3561
USA, Colorado 4584
West Africa 5233
temporal variation, reviews 7875
Fenugreek *(see Trigonella foenum-graecum)*
Fertilizers *(see also* specific elements and fertilizers, mineral nutrition and mineral uptake under specific crops)
Fertilizers *cont.*
composts, reviews 6101
computer software 7808
farmyard manure, requirements 8632
liquid fertilizers 5195
machinery, application equipment 761
models 7808
nitrogen 8631
requirements 8632
books 8705
models 1377
reviews 1378
phosphorus 7812
requirements 8632
potassium 8633
refuse, reviews 6102
requirements 3542
expert systems 2679
Fibre flax *(see Linum usitatissimum)*
Fibre plants, cultivars, identification, books 7888
Field crops
carbon dioxide enrichment 6118
crop production, Croatia 6074
enzymes, lyases 4398
fertilizers, models 4437
leaves
composition
carbohydrates 6118
organic nitrogen compounds 6118
metabolism
carbohydrates 6118
organic nitrogen compounds 6118
mineral uptake
calcium, models 4391
magnesium, models 4391
nitrogen, models 4391
phosphorus, models 4391
potassium, models 4391
remote sensing 4445
emission 7028
seed production 6096
soil physical properties 8680
yields
constraints 9473
maximum yield 9473
models 8680
seasonal variation 8681
variation 7038
Field experimentation
apparatus 9544
carbon dioxide enrichment 6124
computer software 9545
conferences 9575
experimental design
books 3558
site factors 9096
statistical analysis 8685
Vicia faba 5742
plot size
Eleusine coracana 3062
maize 3062
Vicia faba 5742
Poland 9543
statistical analysis 2703, 3026, 9545
Eleusine coracana 3062
maize 3062
Finger millet *(see Eleusine coracana)*
Finland
Cannabis sativa, cultivars 6856
climatic change 5239
Flax, rotations 2670
Flooding
cotton 5903
Hibiscus cannabinus 5082
maize 5483
soyabeans 341
sugarcane 6955, 8610
wheat 3671
Flowering, induction, mineral nutrition 7000
Flowers, abscission, reviews 7842
Fodder beet
air pollution, heavy metals 5214
chemical composition, heavy metals 5214, 6754
cultivars
Egypt 1894
Kievskaya 3295
Raudoniai 3294
Timiryazevka-87 3294
Umanskiĭ Polusakharnyĭ 3294

Fodder beet *cont.*
farming systems, organic farming 6130
fertilizers
manures 6972
nitrogen 1894, 4155, 4924
potassium 1894
herbicides, tolerance 7617
irrigation, sprinkler irrigation 4155
leaves
composition
amino acids 4237
nitrates 4924
proteins 4155
pollution, heavy metals 6754
roots
composition
amino acids 4237
fibre 1894
potassium 1894
proteins 1894
shoots
composition
fibre 1894
proteins 1894
Fog, soyabeans 5646
Foxtail millet (*see Setaria italica)*
France
Camelina sativa, crop husbandry 5133
maize, cultivars 2901
Miscanthus, production possibilities 7362
peas, cultivars 1782
Phaseolus vulgaris, cultivars 7511
reports, Institut Technique Français de la Betterave Industrielle 7043
sorghum, production possibilities 7362
sugarbeet, crop husbandry 7605
Frost
maize 163
Poland 2713
sorghum 3053
soyabeans 4012
wheat 4012
Fuel crops, reviews 9470
Fungicides
barley 4565
benomyl
groundnuts 8323
maize 7286
peas 6663
soyabeans 3935, 3985
wheat 6175
captafol, *Cicer arietinum* 6724
captan
Cicer arietinum 6724
groundnuts 4035, 8323
Mucuna pruriens 4035
peas 6663
soyabeans 5615
carbendazim
Cicer arietinum 1847, 6724
soyabeans 3935, 5615, 8240
sunflowers 1985
Vigna unguiculata 4870
carbofuran, potatoes 9317
carboxin
groundnuts 4035, 8323
Mucuna pruriens 4035
soyabeans 3935, 5684
wheat 5269
cuprous oxide, potatoes 1917
etridiazole, cotton 9348
flusilazole, sunflowers 1985
fungicides, soyabeans 5684
hymexazol, sugarbeet 3273
iprodione, soyabeans 8240
malathion
potatoes 9317
soyabeans 5615
mancozeb
Brassica juncea 8561
cotton 2573
potatoes 546
soyabeans 3935, 5615
Vigna unguiculata 4870
metalaxyl
cotton 9348
potatoes 1917
soyabeans 8240
wheat 5269
monocrotophos, potatoes 9317
nontarget effects, soyabeans 6585

Fungicides *cont.*
penconazole, soyabeans 8240
pencycuron, potatoes 1224
phenylamides, potatoes 546
phorate, potatoes 9317
propiconazole
barley 2359, 8850, 8857
maize 2359
wheat 2359, 8742
quintozene
cotton 9348
peas 6663
soyabeans 8243
TCMTB
Phaseolus vulgaris 5571
sorghum 5571
thiabendazole
potatoes 2556
soyabeans 7025
sugarbeet 7025
wheat 7025
thiophanate-methyl
soyabeans 3985
Vigna radiata 9237
thiram
Brassica juncea 4323, 8561
Cicer arietinum 1847, 6724
groundnuts 8323
soyabeans 3939, 5615
sugarbeet 4908, 9285
wheat 5269
tolclofos-methyl, potatoes 1224
toxicity, soyabeans 6585
triadimefon, *Vigna radiata* 9237
triadimenol
barley 6303
maize 7286
triazole fungicides, wheat 2780
triticale 7170
Triticum durum 7075
uniconazole, soyabeans 6585
Gene expression
environmental factors
stress, reviews 7863
tolerance, reviews 7863
growth regulators, reviews 8661, 9525
light 7830
Germany
Amaranthus
cultivars 5159
production possibilities 5159
Cannabis sativa, cultivars 8503
farming systems
integrated systems 3476
organic farming 5248
potatoes, cultivars 8451
reports, Fachhochschule Weihenstephan und Versuchsanstalt für Gartenbau Weihenstephan 8695
rye
crop production 4552, 5373
cultivars 2837
triticale, crop production 5373
Triticum durum, crop production 4521
wheat, crop production 4521
Glycine max (*see* Soyabeans)
Gossypium spp. (*see* Cotton)
Grain legumes
weed control
herbicides 1421
physical control 1421
Greece
irradiation, ultraviolet radiation 5241
solar radiation 5241
Green manures
Aeschynomene 4679
nitrogen fixation 6962
Avena nuda, species trials 2056
Avena sativa, species trials 2056
Azolla 9472
growth
seasonal variation 2665
temperature 2665
utilization 5179
Azolla filiculoides
chemical composition
phosphorus 714
potassium 714
fertilizers, phosphorus 714
mineral nutrition, phosphorus 714
nitrogen fixation 714

Green manures *cont.*
Azolla mexicana
mineral nutrition
aluminium, toxicity 1367
calcium 1367
nitrogen 1366
phosphorus 1366
potassium 1366
mineral uptake
calcium 1367
magnesium 1367
phosphorus 1367
potassium 1367
nitrogen fixation 1366-1367
Azolla microphylla
chemical composition
phosphorus 714
potassium 714
fertilizers, phosphorus 714
mineral nutrition, phosphorus 714
nitrogen fixation 714
Azolla pinnata
chemical composition
phosphorus 714
potassium 714
fertilizers, phosphorus 714
mineral nutrition, phosphorus 714
nitrogen fixation 714
Brassica napus var. *oleifera,* species trials 2056
Cajanus cajan
crop husbandry 713
plant morphology 713
Canavalia brasiliensis 1168
Canavalia ensiformis 1168
chemical composition, minerals 1664
crop husbandry 713
plant morphology 713
Cicer arietinum, species trials 2056
Crotalaria caricia
biomass production 2055
sowing date 2055
Crotalaria juncea 1168
accumulation, nitrogen 8617
biomass production 987, 2055, 8614, 8617
crop husbandry 713
mineral uptake
nitrogen 4681
phosphorus 4681
potassium 4681
nodulation 8614, 8617
plant morphology 713
sowing date 986, 2055, 8102, 8614
sowing methods 3450
sowing rates 986, 8102, 8614
Crotalaria pallida
leaves
light 8615
tropisms 8615
tropisms, heliotropism 8615
Desmodium ovalifolium, chemical composition, minerals 1664
Discolobium 4679
Festuca pratensis 2053
Lablab purpureus
crop husbandry 713
plant morphology 713
Lathyrus sativus, species trials 2056
legumes, reviews 4357
Lolium multiflorum 2053
Lupinus albus
crop husbandry 713
plant morphology 713
species trials 2056
Melilotus officinalis
leaves
composition
cell walls 8616
lignin 8616
nitrogen 8616
plant morphology 8616
roots
composition
cell walls 8616
lignin 8616
nitrogen 8616
stems
composition
cell walls 8616
lignin 8616

Green manures *cont.*
Melilotus officinalis cont.
stems *cont.*
composition *cont.*
nitrogen 8616
Mucuna, reviews 2054
Mucuna aterrima
crop husbandry 713
plant morphology 713
Mucuna pruriens
crop husbandry 713
plant morphology 713
Neptunia 4679
Phacelia tanacetifolia 1886
Pisum sativum, species trials 2056
Pueraria phaseoloides, chemical composition, minerals 1664
Raphanus sativus var. *oleifera,* species trials 2056
reviews 713
Secale cereale, species trials 2056
Sesbania 4679
nitrogen fixation 6962
Sesbania aculeata
accumulation, nitrogen 8617
biomass production 2055, 6961, 8614, 8617
fertilizers, NPK fertilizers 1379
nodulation 8614, 8617
relay cropping, maize 6961
sowing date 2055, 8102, 8614
sowing methods 3450
sowing rates 8102, 8614
Sesbania cannabina
biomass production 987
fertilizers 712
reviews 712
sowing date 986
sowing methods 712
sowing rates 986
Sesbania chizea
biomass production 2055
sowing date 2055
Sesbania emerus
crop husbandry 713
plant morphology 713
Sesbania grandiflora
nodulation 7331
seed inoculation, *Rhizobium* 7331
Sesbania rostrata
accumulation, nitrogen 8617
biomass production 987, 2055, 8614, 8617
crop husbandry 713
fertilizers, phosphorus 5180
mineral uptake
nitrogen 4681
phosphorus 4681
potassium 4681
nodulation 8614, 8617
plant morphology 713
root nodules, ultrastructure 6597
sowing date 986, 2055, 8102, 8614
sowing rates 986, 5180, 8102, 8614
Sesbania roxburghii
fertilizers 712
reviews 712
sowing methods 712
Sesbania sesban
biomass production 2055
fertilizers 712
reviews 712
sowing date 2055
sowing methods 712
Sesbania speciosa, biomass production 987
sorghum
crop husbandry 713
plant morphology 713
soyabeans 800
mineral uptake
nitrogen 4681
phosphorus 4681
potassium 4681
Tephrosia purpurea, biomass production 987
Trifolium pratense 2053
leaves
composition
cell walls 8616
lignin 8616

Green manures *cont.*
Trifolium pratense cont.
leaves *cont.*
composition *cont.*
nitrogen 8616
plant morphology 8616
roots
composition
cell walls 8616
lignin 8616
nitrogen 8616
stems
composition
cell walls 8616
lignin 8616
nitrogen 8616
Trifolium repens 2053
Trifolium resupinatum 2053
Triticale, species trials 2056
Vicia faba 2053
Vicia sativa 2053
Vicia villosa, species trials 2056
Vigna trilobata, biomass production 987
Vigna unguiculata
biomass production 987
crop husbandry 713
plant morphology 713
Groundnuts
air pollution, acid rain 8289
allelopathy
Acacia nilotica 6122
Bidens pilosa 2389
Cassia siamea 6122
Eucalyptus 4410
Eucalyptus camaldulensis 6122
Galinsoga parviflora 2389
Pongamia pinnata 6122
Sesbania grandiflora 6122
alley cropping
Acacia auriculiformis 7459
Casuarina equisetifolia 7459
Dalbergia latifolia 7459
Dalbergia sissoo 7459
Eucalyptus tereticornis 7459
Leucaena leucocephala 7459
Tectona grandis 7459
anaerobiosis 4903
carbon dioxide, reviews 4982
chemical composition
chlorophyll 3164
elements 3168
iron 9276
manganese 9276
nitrogen 3157
phosphorus 371, 3157
potassium 371, 3157
proteins, analysis 8321
sulfur 371
trace elements 3168
chloroplasts, ultrastructure 3164
climate, models 1774
climatic change 4811
cotyledons
cells, plastids 5699
enzymes 1771
metabolism
fructose 1771
glucose 1771
sucrose 1771
crop husbandry
China 4028
Guangdong 1088
India 4792
Madhya Pradesh 6963
Tamil Nadu 6624, 8302
Vietnam 6623
crop production
energy relations 6963
India
Andhra Pradesh 7457
Rajasthan 6920
West Bengal 7456
mechanization 7458
cropping systems 365
cultivars 3161
China, Guangdong 4032
Egypt 5693
Ethiopia 3160
India
Andhra Pradesh 4797
Assam 6626

Groundnuts *cont.*
cultivars *cont.*
India *cont.*
Karnataka 4799
West Bengal 1091, 4798
Indonesia 4800
South Africa 1097
ALR2 8311
Daepungtangkong 374
Georgia Green 375
Gigas 5694
ICGV86325 376
ICGV88438 5694
ICGV89214 5694
ICGV91098 5694
Kouklia 5694
M522 1766
Nikoklia 5694
Nonghua-22 4034
Shindaekwangtangkong 7465
TAG24 6631
Tainung-6 8310
VD-1 4033
Yuhua 7 7464
cultivation 2479
crop residues, incorporation 8324
deep tillage 2672
depth 4793
earthing-up 4795, 8308
harrowing 4793, 6969
hoeing 2482
interrow cultivation 6627
no-tillage 2482, 2672, 4793, 6969
ploughing 4793, 6969
puddling 4141
residual effects 2477
rotary cultivation 6969
diseases
Aspergillus 1090, 8317
Aspergillus flavus 6634
Aspergillus niger 6634
Penicillium 6634, 8317
Rhizopus 6634
drought 5700
drought resistance 4117, 4902
cultivars 1772, 4797, 5700
dry matter accumulation 1765, 8306
dry matter distribution 8304
energy relations 7799
energy value 5188
enzymes
adenosinetriphosphatase 4796, 4805
alcohol dehydrogenase 4903
aminopeptidases 3165
carboxy-lyases 8319
cytochrome-c oxidase 3510
endopeptidases 383, 4036
β-fructofuranosidase 1770-1771
hexosyltransferases 1770-1771, 8318
hydrolases 8320
inhibitors 3510
nitrate reductase 4149, 4794
nitrogenase 4149
ornithine decarboxylase 8319
oxidoreductases 8319
peptidases 382
ribulose-bisphosphate carboxylase 5700
sucrose synthase 1770-1771, 8318
evapotranspiration, estimation, techniques 3166
farming systems
organic farming 6134
sustainability 3155
fertilizers
boron 370, 4376, 6630
requirements 4804
calcium 370, 4796
sources 5692
cobalt 372
coir 8626
composts 6630, 7463
residual effects 5691
farmyard manure 370, 1092, 6630, 7462-7463, 8626, 9173
gypsum, application date 6628
iron
foliar application 4803
sources 4803
magnesium 4031
manganese, foliar application 4029

Groundnuts *cont.*
fertilizers *cont.*
molybdenum 4376
nitrogen 3156, 4881, 4901, 6629, 8309, 8522, 9173
application date 6628, 7462
NPK fertilizers 2479, 5690, 7463, 7476, 8634
residual effects 5691
organic fertilizers 5689
phosphorus 369, 371-372, 1092, 3156, 3159, 4881, 6629, 7462, 8306, 9171, 9274
application methods 9174
sources 5689, 9492
potassium 369, 371-372, 3159, 4795, 4881, 6634, 7460-7461, 8307-8309
application date 6629, 7462
sulfur 370-371, 1380, 4376
sources 1091
zinc, foliar application 4029
flowers
abscission 5698
composition
amino acids 5698
minerals 5698
proteins 5698
starch 5698
sugars 5698
fungicides
benomyl 8323
captan 4035, 8323
carboxin 4035, 8323
thiram 8323
growth
growth period 9175
growth rate 7461
models 4900
growth analysis, techniques 5695
growth regulators
abscisic acid 383, 1094, 2404, 3167, 4038, 4807, 8320
auxins 4805
benzyladenine 1096, 4039
brassinolide 9169
brassinosteroids 6980
2,4-D 7473
gibberellins 4805
IAA 4039
IBA 4039
inabenfide 4806
kinetin 1096, 4039, 4805, 7473
NAA 1096, 4039
harvesting, harvesting date 1090
herbicides
acifluorfen 378
alachlor 379, 5227, 7783
Bay foe 5043 2109
bentazone 378, 1768
butachlor 4802
Cadre 3162
2,4-DB 8315
ethalfluralin 377
fluazifop 379
fluchloralin 379, 1767, 4801, 7466, 8314, 8634
imazethapyr 377, 7467
metolachlor 377-378, 1768, 8312
metribuzin 5227
nicosulfuron 8315
oxyfluorfen 7467
paraquat 378
pendimethalin 379, 4802, 7466-7467, 8312, 8314
terbutryn 1767
thiobencarb 5227
tolerance 377
toxicity 377, 1768, 8315
trifluralin 379, 7783
in vitro culture
artificial seeds 1095
culture media 1096, 7473
embryos 1096
development 4038
enzymes 1771
explants 4039
growth regulators 1095-1096, 4038-4039, 7473
metabolism 4038
fructose 1771

Groundnuts *cont.*
in vitro culture *cont.*
metabolism *cont.*
glucose 1771
sucrose 1771
organogenesis 1096, 9178
protoplasts 4037
regeneration 1095-1096, 4039
regenerative ability 4037
salinity 2404
secondary metabolites 2404
somatic embryogenesis 4037, 7473
insecticides
aldicarb 1769
chlorpyrifos 1769
imidacloprid 4035
monocrotophos 8316
intercropping
Cajanus cajan 379, 4881, 7466
cassava 2564, 8626
cotton 3338
Eucalyptus tereticornis 5186
maize 8023
Panicum sumatrense 5184
sugarcane 5227
sunflowers 379, 6968, 8522, 9482
sweetcorn 2273
Vigna mungo 9482
Vigna radiata 9482
irradiation, ultraviolet radiation 759
irrigation 1765, 2672, 8626, 9172
flood irrigation 720
growth stages 3158
irrigation requirements 4402
irrigation scheduling 2564, 3158, 5688, 7460-7461
sprinkler irrigation 720, 4801
trickle irrigation 720
leaf area 1765
leaf area index 381, 6632
leaves
canopy, temperature 5688
cell membranes, permeability 1772
cells, ultrastructure 3163
chlorosis 3168
composition
chlorophyll 4806
elements 7470, 7472
development 1770
enzymes 8319
leaf area 7472
metabolism 8319
movement 4040
orientation 4040
reflectance 8289
senescence 8319
stomatal resistance 4040, 4117, 5186
temperature 4040, 5186, 8289
water content 4426, 4901-4902
water potential 4426
weight 7472
wilting 4901
light
blue light 7442
far red light 7442
green light 7442
interception 4040
red light 7442
light intensity, reviews 4982
metabolic inhibitors, 2,4-dinitrophenol 3510
metabolism
amino acids 9176
fatty acids 4809
fructose 1771
glucose 1771
lipids 7442
nitrites 3510
nucleic acids 383
polyamines 8319
proline 2404
proteins 383, 4038, 9176
sucrose 1771
sugars 8318
mineral nutrition
boron
deficiency 4804
foliar diagnosis 4804
calcium, deficiency 3163
elements 3168
iron 1093

Groundnuts *cont.*
mineral nutrition *cont.*
iron *cont.*
deficiency 3164, 4803, 9276
foliar diagnosis 4803
nitrogen 1778, 4149
phosphorus 1778, 5701, 9274
potassium 1778, 4805, 6634
trace elements 3168
mineral uptake
cadmium 1098
calcium 369, 6628
magnesium 369
nitrogen 369, 372, 1778, 2564, 3157, 5686, 5689, 6628, 7460, 8308
phosphorus 369, 371-372, 384, 738, 1778, 2564, 3157, 4393, 5686, 5701, 7460, 8308
potassium 369, 371-372, 1778, 2564, 3157, 5686, 7460, 8308
sulfur 369, 371, 6628
mulches
plastic film 368
rice straw 2479, 2482, 4901
multiple cropping 2059, 6087, 7799, 8634
rice 5691, 6086, 6969
wheat 1373, 3469
mycorrhizas
Aculospora 1778
Entrophospora 1778
Glomus fasciculatum 1778, 5701
Glomus mosseae 1778
Scutellospora pellucida 1778
nitrogen fixation 3169, 4149, 8324
nodulation 386, 3161, 3169, 7476
fertilizers 5689, 7462, 9173
fungicides 4035, 8323
insecticides 4035
mineral nutrition 5701
pericarp
composition
amino acids 9176
calcium 9176
proteins 9176
pest control
biological control 1784
books 2129
pests
Anarsia ephippias 8316
Spodoptera litura 1784
pH 1777
photosynthesis 6632
diurnal variation 381, 8318
gas exchange 8318
growth stages 381
photosystem I 5700
photosystem II 5700
water stress 5700
plant competition, weeds 380, 7468
plant density 4030
plant height 7461
pods
composition
amino acids 9176
calcium 4796, 9176
magnesium 4796
potassium 4796
proteins 9176
sodium 4796
development 7471
drying 1779, 8317
storage 1779
precipitation 2477, 3520, 9179
production possibilities, India, Maharashtra 6085
reproduction 4808
respiration 6632
diurnal variation 381
growth stages 381
reviews 9168
root inoculation
Aculospora 1778
Entrophospora 1778
Glomus fasciculatum 1778
Glomus mosseae 1778
Scutellospora pellucida 1778
root nodules
composition, lipids 8322
enzymes 4149, 4903
lipid bodies 8322

Groundnuts *cont.*
rooting depth 7834
roots
cells, ultrastructure 3163
depth 384
distribution 384
enzymes 4903
morphology 9177
shedding 9177
rotations 5183, 9492
rice 2477
sorghum 8620
sugarcane 7783
salinity 385, 2404
salt tolerance 2404
cultivars 385
seed inoculation
Bradyrhizobium 3169, 8323, 9173
Paecilomyces fussisporus 1092
Pseudomonas striata 1092
Rhizobium 5701, 7476
seed testing, viability 5703
seed treatment
ammonium molybdate 4794
Aspergillus awamori 5689
calcium chloride 7463
fungicides 8323
growth regulators 1094, 9169
NADH 4794
potassium chloride 7463
potassium nitrate 4794
Pseudomonas striata 5689
seedbed preparation 1764, 4793, 4795, 4801, 8308
seedlings
emergence 2482
temperature 1097
growth 4794
pH 1777
plasma membranes, enzymes 4805
seeds
aging 6625
artificial seeds 1095
composition
amino acids 9176
calcium 9176
carbohydrates 5697
DNA, determination, techniques 4041
fatty acids 1775, 4809, 5696-5697
lipids 6625, 7442
oils 372, 1764, 1775, 3157, 3159, 4031, 5697, 8309
proteins 372, 1775, 3156, 5697, 6625, 9176
starch 6625
sterols 5697
sugars 6625
sulfur 1091
contamination, aflatoxins 1090
cotyledons, enzymes 3165, 4036
desiccation 8653
development 3167, 7471
enzymes 382, 8320
growth regulators 4807
metabolism 4809
drying 8317
endosperm
development 6633
ultrastructure 6633
enzymes 4794
germination 2478, 2482, 4794
aging 6625
allelopathy 2389, 4410, 6122
enzymes 382-383, 8320
growth regulators 383
metabolism 383
pH 1777
seed treatment 9169
storage 9180
growth regulators 4807
imbibition 1094
metabolism 7442
respiration 4794
size 1089, 1097, 8303
storage
containers 6634, 9180
moisture content 1099
temperature 1099
testas
composition, calcium 8317

Groundnuts *cont.*
seeds *cont.*
testas *cont.*
thickness 8317
viability 1779, 4800
fertilizers 6634
storage 6634, 9180
vigour 382, 3167, 4794, 4807
water relations 6111, 8653
shoots, composition, minerals 9274
soil
erosion control 7039
phosphorus 4393
soil amendments
farmyard manure 2564, 8528
fly ash 8528
gypsum 2479
lime 8317
plant residues 2564
rice husks 8528
soil inoculation, *Bradyrhizobium* 3169
soil physical properties 2672
soil properties 3520
soil temperature 1097
soil water 2482, 3520
sowing, equipment 366
sowing date 365, 368, 2479, 2482, 3157, 5686-5687, 6626, 8304, 9170
sowing depth 2478
sowing methods 2478
sowing rates 3156, 4802
spacing 367, 4029, 4881, 5687, 6627, 8305, 8307, 8634, 9171
stems
water content 4426
water potential 4426
symbiosis, *Bradyrhizobium* 4149
temperature 1097
reviews 4982
translocation
cadmium 1098
nitrogen 7469
photosynthates 3161
transpiration 4040, 5186, 7470
antitranspirants 7463
water requirements 4402, 4422
water stress 4117, 4901-4902, 7475
cultivars 5700
growth stages 1765, 1775, 4810, 7474
reviews 4982
water uptake 7834
water use 4141, 4422, 5691, 7460
measurement, techniques 3158
water use efficiency 5688, 7460, 7475
weed control 3162
cultivation 379, 8312
herbicides 379, 4801-4802, 8312
hoeing 8634
integrated control 1767
manual weed control 379, 4801-4802, 7466, 8312-8313, 8634
weeds
Amaranthus palmeri 377
Ambrosia artemisiifolia 378
Cassia obtusifolia 378
Cyperus esculentus 377-378, 1768
Cyperus rotundus 378
Desmodium tortuosum 378
Eclipta prostrata 377
Indigofera hirsuta 378
Ipomoea 378
Jacquemontia tamnifolia 378
Panicum texanum 377
Verbesina encelioides 377
Xanthium strumarium 7468
wind 4426
yield components 3161, 5693, 6626, 7471
yield correlations 373, 5693
yield forecasting, Australia, models 9179
yields, models 5702
Growth
leaves, water relations, reviews 754
models 2080-2081, 4405-4406, 9546
reviews 7837, 9523
Growth analysis
models 8675
techniques 1402, 5695
Growth regulators 5212
abscisic acid 4411, 6116, 7847

Growth regulators *cont.*
abscisic acid *cont.*
Amorphophallus rivieri 2568, 5859
barley 141, 144, 889-891, 2220, 2867, 3719, 4568-4569, 4571, 5409-5410, 6313, 6319, 8865
Brassica nigra 3421
cereals 9089
Cicer arietinum 8406
cotton 5061
groundnuts 383, 1094, 2404, 3167, 4038, 4807, 8320
Linum usitatissimum 5928
Lupinus luteus 1182
maize 104, 201, 218-219, 225, 937, 950, 2927, 2932-2933, 2946, 3782, 4619, 5472-5474, 6394, 7257, 8063, 8068, 8081, 8932-8933
binding sites 1649, 2928, 3787
reviews 7289
oats 104, 746, 6283
peas 4061, 6651, 6657
Phaseolus vulgaris 746, 2432, 6691, 9230
potatoes 692, 1230, 1232, 1925, 4978, 8456, 9320
rape 1306, 7726
reviews 1404, 4409, 6115, 7012, 7841, 8640, 8659
rice 250, 297, 3001, 3815, 3856, 4716, 5544, 5547, 7349, 8168, 9018, 9032
Ricinus communis 1274
safflower 3387
Setaria italica 6539, 8208
sorghum 3903, 3905, 7367
soyabeans 1067, 2388, 3137, 5613, 7257, 7439, 8282
sugarcane 6059, 8607-8608
sunflowers 1287, 1289, 2615, 5949
sweet potatoes 589, 1246
tobacco 692, 2029, 2641, 6004, 7757
Triticum durum 66, 73, 7977
Vicia faba 414, 1122, 3202, 4840, 5738, 5741, 6666
Vigna radiata 8376
Vigna unguiculata 1157, 5773
water stress 4399
wheat 73, 852, 2166, 2813, 3644, 3670, 5331, 5347, 5474, 6247, 6394, 7120, 7957, 7962-7964, 7977, 8799, 8801
ACC 4411
maize 943, 2179
Phaseolus vulgaris 2432
sunflowers 8536
tobacco 7757
adenine, *Phaseolus vulgaris* 6691
Agrispon, maize 3748
Agrofil, maize 3748
Agrostemin
maize 1617
Vigna radiata 7525
amino acids
peas 390
Vigna unguiculata 437, 7535
aminobenzotriazole
barley 8870
rape 9036
ancymidol, peas 4053
Antonik, peas 1781
ascorbic acid
reviews 2691
Vigna unguiculata 438
Atonik
cotton 4244, 5875
potatoes 501
sugarbeet 483, 4156, 7608
auxins 7847
binding sites 1406-1407
maize, reviews 938, 941
cotton 5875
groundnuts 4805
Linum usitatissimum 627, 4266
maize 216, 2919, 2931, 4621, 5458, 8936
binding sites 3781, 5471, 7290, 8065
oats 861
peas 405, 1792, 2692, 5715

Growth regulators *cont.*
auxins *cont.*
potatoes 1925
rape 669, 2692, 7728, 9408
binding sites 1305
reviews 8655-8656
soyabeans 3143, 5622, 8257
sugarbeet 6746
sunflowers 9385
tobacco 2692, 4337
Vicia faba 5741
Vigna angularis 4876
Vigna radiata 6598
Vigna unguiculata 437-438
AVG, sunflowers 8536
BCO-4, sugarbeet 489, 2485
bensulfuron, cotton 7667
benzolinon
maize 1596
peas 388, 1781
sugarbeet 4157, 7608
benzyladenine
barley 3719, 5410
binding sites 887
Brassica campestris var. *sarson* 2009
Brassica juncea 5129
Brassica nigra 3421
buckwheat 9438
Cicer arietinum 2460, 2462, 3258, 8407
Colocasia esculenta 5007
cotton 3365, 6842, 8492
Crambe abyssinica 5109
Dioscorea rotundata 3335
Echinochloa colonum 2355
groundnuts 1096, 4039
Guizotia abyssinica 9414
jute 7688
Linum usitatissimum 5928
Lupinus angustifolius 4131
Lupinus luteus 1182
Macrotyloma uniflorum 1870
maize 225, 928, 2252, 4619, 4626, 8086, 8888
oats 4544
Panicum miliaceum 2353
peas 9198
Phaseolus vulgaris 2436, 4849, 6691
potatoes 500, 567, 1925, 3302, 3320, 4979, 9322
rape 2003, 6901, 7728
rice 4714, 5551, 6485, 8162, 9018
safflower 6864
sesame 3386
Sinapis alba 5981
soyabeans 2388, 4003, 4778, 5623, 5667, 6600, 7439
sugarbeet 4908-4911, 5814-5815
sugarcane 2049
sunflowers 5945-5946, 7706, 8539
sweet potatoes 589, 3332
tobacco 686, 1330, 2028, 6004, 6010
binding sites 1333
triticale 1528
Vicia faba 1123
Vigna radiata 5766
binding sites 1152
Vigna unguiculata 4873, 5771
wheat 1528, 2168, 8813
betaine, tobacco 8578
binding sites 1408
wheat 8800
Biostim, peas 388
books 7891
brassinolide
Boehmeria nivea 8507
groundnuts 9169
maize 5486
rice 9032
sugarcane 8607-8608
wheat 3642, 8796
brassinosteroids
Brassica juncea 6980, 8558
cotton 6980
groundnuts 6980
peas 4051, 7492
potatoes 6980
reviews 8663, 8666
rice 6980
tobacco 681
wheat 6980

Growth regulators *cont.*
carbon disulfide, potatoes 1231
carboxylic acids
cotton 5875
oats 3687
casein hydrolysate, sugarcane 2049
chlormequat
Amorphophallus campanulatus 1947
barley 1554, 2359, 2848, 7388, 7396
cotton 7666
Linum usitatissimum 9379
maize 2359
oats 7388, 7396, 7992, 8840
Pachyrhizus erosus 5011
potatoes 567, 1231, 9322
rye 4550
sunflowers 1981, 5943-5944
Triticum durum 2753
wheat 1554, 2359, 2753, 2765, 3577, 3633, 5330, 7388, 7396
chloromethylsilatran, wheat 71
chlorpropham, potatoes 2555, 5838, 6785, 7652
choline
barley 5410
rice 3865
choline chloride, rice 3815
coconut milk, *Macrotyloma uniflorum* 1870
cotton 604
cyclanilide, cotton 5040, 5900
cytokinins 7847
barley 3719
binding sites, reviews 8657
cassava 5849
Cicer arietinum 2460, 4888, 8405
cotton 602, 5875
maize 4626, 7257
binding sites 3780
oats 746
Panicum miliaceum 2353
peas 405, 2415, 4827
binding sites 1112
Phaseolus lunatus 432
Phaseolus vulgaris 746
potatoes 1925, 1929, 4199, 4978
rape 7727
reviews 8661
rice 3816, 4716
soyabeans 2394, 3137, 4888, 5622, 7257, 8266, 9145
sugarbeet 2497, 4909, 4911, 7608
sugarcane 5174
sunflowers 9385
sweet potatoes 4219
tobacco 686, 4337-4338, 5146, 6004, 6006
binding sites 1112
Triticum durum 73, 5354, 7978
Vicia faba 5741
wheat 73, 3643
Cytoplex, cotton 5872
Cytozyme
potatoes 501
Vigna mungo 2451
2,4-D
barley 6319
Brassica nigra 3421
buckwheat 9438
cotton 3365, 5053, 5060, 5063
Dioscorea alata 1946, 5854
Dioscorea trifida 5002
groundnuts 7473
Guizotia abyssinica 2008, 9414
Linum usitatissimum 5092
Macrotyloma uniflorum 1870
maize 936, 2931, 5053
oats 6284
Pachyrhizus erosus 5011
peas 9198
rape 2004, 7728
binding sites 1305
rice 1011, 1713, 5551, 6495, 8162
Setaria italica 3065
soyabeans 3143, 4003, 5657, 5667, 8218, 8257
sugarbeet 5815
sugarcane 2049, 3462
sunflowers 8539
sweet potatoes 589, 4991, 6792
tobacco 6005

Growth regulators *cont.*
2,4-D *cont.*
triticale 7178
Vicia faba 1123
Vigna unguiculata 4868, 9241
wheat 7970, 7987, 8813
daminozide, soyabeans 338
DCTA
cotton 601
soyabeans 601
dihydrozeatin, rice 6487
dikegulac, wheat 8753
emistim, wheat 6175
endogenous growth regulators
peas 6656
rape 6889
rice 6498
epibrassinolide, peas 1794
Ergostim, potatoes 501
essential oils
oats 746
Phaseolus vulgaris 746
ethephon
barley 1555, 2359, 2848, 6976
Cajanus cajan 6715
Cicer arietinum 2462
cotton 3344, 5040-5042, 5900
Linum usitatissimum 9379
maize 2359, 5435-5436
oats 6976, 7992
Phaseolus vulgaris 2432
potatoes 2556
rape 6976
soyabeans 7439
sugarbeet 6746
sugarcane 7775-7776, 9445
sunflowers 8536
sweet potatoes 1246
triticale 6297
Triticum durum 2753
Vigna mungo 4877
Vigna radiata 1827, 8376
wheat 2359, 2753, 6976
ethylene
binding sites
peas, reviews 1135
Phaseolus vulgaris, reviews 1135
Cicer arietinum 1173
Linum usitatissimum 4266
maize 943, 1656, 2940, 3071, 3803, 6393, 8060
detection 7307
oats 3071
peas 394, 4050, 4054, 8337, 9202
reviews 1113
Phaseolus, reviews 1113
potatoes 4191, 4943, 9321
rape 7729
reviews 8648, 8658, 8660, 8662
rice 999, 4707, 4715, 5546, 9032, 9035
soyabeans 2387, 3143
sunflowers 1287, 3396, 8060
tobacco 5144-5145, 7754
Vigna radiata 8378
wheat 2186, 2752, 3071, 3621, 7956-7957, 8828
fluazifop, sugarcane 7776
fluridone
rice 9032
sorghum 3905
Vicia faba 3202
flurprimidol
sunflowers 5099
tobacco 5099
forchlorfenuron
Phaseolus vulgaris 4853
rice 4716
formononetin
maize 7303
soyabeans 7303
fulvic acid, wheat 4503
fusicoccin
cotton 4258
maize 940, 4620-4621, 8667
binding sites 939
oats, binding sites 860
potatoes 8667
rice 7349
sugarbeet 8667
binding sites 4922

Growth regulators *cont.*
fusicoccin *cont.*
Vicia faba, binding sites 939
Vigna angularis 3242
wheat 8798
gibberellins 7847
Amorphophallus campanulatus 1947
Amorphophallus rivieri 5859
barley 886, 890, 2869, 3714, 4568-4571, 5411, 6319, 7388, 7396
Boehmeria nivea 8507
Brassica juncea 2635-2636
buckwheat 9438
cereals 9089
Cicer arietinum 2462
cotton 603, 605, 3339, 5034-5036, 5061, 5063, 5875, 5877-5878, 6830
Dioscorea alata 1946
Dioscorea trifida 5006
Echinochloa colonum 2355
Eruca vesicaria subsp. *sativa* 6918
groundnuts 4805
Hibiscus cannabinus 2599
Lens culinaris 1178
Linum usitatissimum 4266, 5092, 6861
Lupinus albus 1858
Lupinus luteus 1858
maize 935, 2927, 2929, 7257, 8888
oats 7388, 7396
peas 404, 1792, 4053, 4059, 4826, 5716-5717, 7490, 8336, 9195
Phaseolus vulgaris 2436, 4849, 4853, 5753, 6691
potatoes 500, 1231, 1233, 3302, 4179, 5829, 6761
rape 1306, 2003, 6901
reviews 330
rice 330, 1014, 1708, 2964, 3815, 3855, 4653, 4716, 5502, 5541, 5546, 6486, 6488-6489, 6503, 8168, 9032, 9035
binding proteins 5545
binding sites 4713
safflower 8521
Setaria italica 6539
sorghum 3903, 3905, 8196
soyabeans 2929, 3141, 5613, 7257, 7405, 7439, 8285
sugarcane 6024
sunflowers 1981, 2615, 3395, 7704, 7706
sweet potatoes 3332-3333, 4991
tobacco 6004, 7757
Trigonella foenum-graecum 2474-2475
Triticum durum 66
Vicia faba 5741
Vigna angularis 4876
Vigna radiata 8376
Vigna unguiculata 4868
wheat 2800, 6248, 7138, 7388, 7396, 7962, 7964
glutathione, soyabeans 1067
glyphosate, sugarcane 7774
growth inhibitors
Amaranthus caudatus 6114
barley 5412, 6976
Brassica campestris 1313
cotton 5053, 5060
Dioscorea opposita 6114
maize 221, 934, 5053
oats 6976
peas 8337, 9194-9195, 9202
Phaseolus vulgaris 1134, 1136
potatoes 1233
rape 6976
reviews 6114, 7012
rice 3576
sesame 1313
sunflowers 5099
tobacco 5099
wheat 3576, 6976
growth promoters
peas 7489
potatoes 2512
wheat 4257
growth retardants
barley 1553-1554, 6330
maize 3735

Growth regulators *cont.*
growth retardants *cont.*
oats 8840
rice 5515
rye 4550
wheat 1554, 6330
growth stimulators, sugarbeet 4908, 4912
humic acids
barley 6331
oats 8842
rye 2799
wheat 2799, 4520
hydroxybenzyl adenosine
sugarbeet 2486, 4911
wheat 1458
IAA
barley 5406
Brassica campestris var. *sarson* 2009
Cicer arietinum 1851
cotton 3365, 5061, 6842
Eruca vesicaria subsp. *sativa* 6918
groundnuts 4039
jute 7688
Linum usitatissimum 6861
Macrotyloma uniflorum 1870, 5799
maize 220, 935, 942, 2927, 2930, 2932, 2938, 4620, 4624, 8066, 8069, 8888, 8932
oats 330, 746
peas 402, 1394, 4826, 4829, 6650, 7490
Phaseolus vulgaris 746, 6692
potatoes 1925, 3302, 5829
rape 2004, 7728, 9408
binding sites 1305
reviews 330, 8656
rice 3815, 4716, 5565, 6503, 8157, 8162, 9032, 9034
safflower 8521
soyabeans 1074, 2388, 3141, 4778, 5613, 5657, 7439, 8285, 9134
sunflowers 1287, 1290, 5949, 7706
tobacco 1331, 2028, 3458, 5145, 6004-6006, 7757
triticale 7178
Vicia faba 1123, 5739, 6668
Vigna angularis 3242
Vigna radiata 3233
Vigna unguiculata 3239, 4118, 5771
wheat 3642, 4257, 4520, 5324, 6247
IBA
cotton 603, 605, 5034-5035, 5875, 5877, 6830
groundnuts 4039
Guizotia abyssinica 9414
Linum usitatissimum 5092
maize 8952
potatoes 566-567
Vigna radiata 8376
wheat 7970
imidazoles, barley 6303
Impakt, wheat 6175
inabenfide
groundnuts 4806
soyabeans 8265
isopentenyladenine
rice 5551, 6487
soyabeans 6598
sugarbeet 4910
tobacco 5146
isopentenyladenosine, tobacco 5146
jasmonic acid
barley 1568, 2219, 8864
Dioscorea 8665
maize 8932
oats 746, 6283
Phaseolus vulgaris 746, 4850
potatoes 561, 563, 4199, 8665
rape 7840
reviews 8649, 8664-8665
rice 563, 4715, 6490, 9031
Sinapis alba 1320
soyabeans 1067, 8264, 8665
sunflowers 7840
sweet potatoes 8665
tobacco 1330, 7754, 7761, 7840
wheat 7840
Kadostim, peas 388
2-KhÉFK
peas 721
potatoes 721

Growth regulators *cont.*
2-KhÉFK *cont.*
sugarbeet 721
kinetin
barley 2221, 6319
cotton 3365, 6842, 8492
groundnuts 1096, 4039, 4805, 7473
Guizotia abyssinica 2008, 9414
Linum usitatissimum 5092
Macrotyloma uniflorum 1870
maize 2929
oats 3687
peas 1794, 9198
potatoes 567
rape 7728
rice 1713, 5551, 6503, 8162, 9032
Setaria italica 3065
soyabeans 1752, 2929, 5667, 9134
sunflowers 3395, 5943
sweet potatoes 3333
tobacco 686, 7757
triticale 7178
Vigna radiata 8376
Vigna unguiculata 3239
wheat 2167
Krezatsin, wheat 6175
Lactofol, maize 3748
lepidimoide, *Phaseolus vulgaris* 6692
linolenic acid
barley 8864
maize 4619
maleic hydrazide
Amorphophallus paeoniifolius 5010
Dioscorea trifida 5002
Pachyrhizus erosus 5011
rice 4701
sunflowers 5944
mepiquat
Cicer arietinum 9254
cotton 602-603, 605, 1251, 3343, 4245, 5023-5024, 5033-5039, 5051, 5875, 5877, 5884, 6804, 6810, 7666-7667, 8472
rice 3821
sugarcane 8607-8608
sunflowers 5944
methanol
cotton 616
rape 4299
methyl jasmonate
barley 3713
maize 928, 4619
Phaseolus vulgaris 4850
potatoes 559, 4977
rape 7840
rice 4715, 5544, 9031
sunflowers 7840
tobacco 7761, 7840
wheat 7840, 7951
metribuzin
cotton 5053, 5060
maize 5053
peas 388
Mixtalol
barley 8002
rape 6902
monoammonium phosphate, potatoes 1231
monoethanolamine, barley 4560
morphactins, *Vigna mungo* 4877
mycotoxins, reviews 330
NAA
Brassica campestris var. *sarson* 2009
Brassica juncea 5129
Cicer arietinum 3258
Colocasia esculenta 5007
cotton 5063, 6842, 8492
Dioscorea rotundata 3335
Echinochloa colonum 2355
groundnuts 1096, 4039
Guizotia abyssinica 9414
Hibiscus cannabinus 2599
jute 7688
Lablab purpureus 5798
Macrotyloma uniflorum 1870
maize 2252, 2931
binding sites 3781
oats 6284
Pachyrhizus erosus 5011
peas 2415, 9198
Phaseolus vulgaris 4849

Growth regulators *cont.*
NAA *cont.*
potatoes 500, 566-567, 5829, 6777
rape 2003-2004, 7728
binding sites 1305
rice 1011, 1713, 5551, 8162
safflower 6864
sesame 3386
Setaria italica 3065
Sinapis alba 5981
soyabeans 1074, 4003, 5662, 5667, 9134
sugarcane 1357, 6024
sunflowers 7706, 8539, 9385
sweet potatoes 4991, 6791
tobacco 686, 5145, 6004, 6010
binding sites 1332
Vigna mungo 441-442, 1160
Vigna radiata 5766, 8376
Vigna unguiculata 4868, 5771, 9241
wheat 5331, 7970
2-naphthoxyacetic acid, *Hibiscus cannabinus* 2599
naphthylacetamide, *Hibiscus cannabinus* 2599
naphthylphthalamic acid
maize 2931
peas, binding sites 4825
nicotinic acid, *Vigna unguiculata* 438
nitric oxide, maize 8931
norflurazon, wheat 3644
oligoadenylates, potatoes 9301
oligochitosan, wheat 71
oligosaccharides
peas 4052
reviews 8654
paclobutrazol
Brassica juncea 3419
cotton 4259
maize 162, 3735, 6345, 8084
Phaseolus vulgaris 2432
potatoes 4937, 5831
rice 6489
sorghum 3905
sugarcane 8607-8608
sunflowers 7704
Vigna radiata 1827
wheat 6248, 8797
paraquat, sweet potatoes 1246
phenolic acids, barley 8863
phenolic compounds
Amorphophallus rivieri 2568
maize 2248
reviews 7012
phenylacetic acid
Linum usitatissimum 4049
peas 4049
phospholipids 1397, 1407
picloram
Phaseolus vulgaris 6691
Setaria italica 3065
plant extracts
potatoes 3578
wheat 3578
polyamines
peas 1111, 1793
potatoes 4192
reviews 6117, 9524-9525
rice 3008, 6484, 8158
sorghum 3043
soyabeans 8266, 9134
sugarcane 5173
tobacco 2028
Vigna radiata 9238
wheat 4519
prohexadione
barley 4478
wheat 4478
propiconazole, wheat 8797
putrescine, rice 3865, 6486
pyrenoylbenzoic acid, maize 2931
pyridoxine, *Vigna unguiculata* 438
quinones, tobacco 8591
Rastim
peas 388, 1781
sugarbeet 483
Rastim 30 DKV, sugarbeet 1880-1881
residues, potatoes 5838
Rindite, potatoes 1231
salicylic acid
barley 2867

Growth regulators *cont.*
salicylic acid *cont.*
peas 403
potatoes 9322
rice 6479, 9033
sugarcane 8607-8608
tobacco 1330, 5142, 7754
binding sites 6933
wheat 72, 7953
seaweed products
soyabeans 6598
Vigna radiata 6598
silver thiosulfate, wheat 2752
sodium humate, wheat 6175
spermidine
maize 7288, 8067
rice 8156
spermine
maize 8067
rice 8156
Stymulen, barley 1555
sugarbeet 1199
Supresivit, peas 388
sweet potatoes 8463
2,4,5-T, *Vigna unguiculata* 9241
terpenoids
oats 746
Phaseolus vulgaris 746
tetcyclacis, maize 934
tetraconazole, wheat 8797
thiamin
potatoes 6975
rape 6975
Vicia faba 6975
Vigna unguiculata 438
thidiazuron
peas 8339
Phaseolus vulgaris 6691
potatoes 5829
soyabeans 6600
sugarbeet 5815
triticale 1528
wheat 1528
thiourea
Amorphophallus campanulatus 1947
potatoes 1231
TIBA
maize 2931
safflower 4282
soyabeans 338, 3143, 5672
sugarbeet 5815
sunflowers 5943-5944, 9385
triacontanol
barley 8002, 8852
Brassica juncea 3420, 8629
Lablab purpureus 5798
peas 7491
Phaseolus vulgaris 418
rape 6902
rice 967, 4661, 8629
sorghum 8187
soyabeans 5622, 8629
sugarcane 2033
sunflowers 9385
wheat 8629, 8744
triadimefon, sugarcane 8607-8608
triapenthenol
barley 4560
rape 9400-9401
triazoles
Boehmeria nivea 634
rice 1675
2,4,5-trichlorophenoxypropionic acid, *Vigna unguiculata* 9241
triticale 7170
tryptophan, potatoes 7649
uniconazole
maize 1603
Phaseolus vulgaris 4854
rape 2624
rice 294, 2964, 3855
Setaria italica 6539
Triticum durum 66
wheat 808
wheat 7911
zearalenone
soyabeans 9145
wheat 8800
zeatin
barley 1567, 8870
binding proteins 888

Growth regulators *cont.*
zeatin *cont.*
barley *cont.*
binding sites 887
jute 7688
Linum usitatissimum 5092
maize, binding proteins 888
Phaseolus vulgaris 6691
potatoes 3302, 5829
rice 3815, 4714, 6487
Sinapis alba 5981
soyabeans 6598
sugarbeet 4909-4910
Triticum durum 5354, 7978
wheat 2752, 6247
zeatin riboside
barley 1567
maize 2927
peas 4827
rice 3856
soyabeans 5613, 6598
sugarbeet 4909-4910
wheat 6247, 7957
Guar (*see Cyamopsis tetragonoloba*)
Guard cells, ion transport, reviews 6996-6997
Guizotia
seeds
composition
fatty acids 5970
oils 5970
Guizotia abyssinica
biomass production 9413
fertilizers
farmyard manure 3412
magnesium 3412
nitrogen 1381-1382, 3412
phosphorus 3412
potassium 3412
zinc 3412
green manures
Chromolaena odorata 1381-1382
Sesbania aculeata 1381-1382
growth regulators
benzyladenine 9414
2,4-D 2008, 9414
IBA 9414
kinetin 2008, 9414
NAA 9414
in vitro culture
culture media 2008, 9414
embryo culture 7733
flowering 7733
growth regulators 2008, 9414
organogenesis 9414
regeneration 2008, 5971, 7733
somatic embryogenesis 9414
intercropping
Brassica juncea 1322
rape 8541
mineral uptake, nitrogen 1381
multiple cropping, rice 3470
relay cropping, rice 1381-1382
seeds
composition
fatty acids 5970
oils 5970
Guyana, reports, National Agricultural Research Institute 8696-8697
Hail, damage 3526
Helianthus annuus (*see* Sunflowers)
Hemp (*see Cannabis sativa*)
Herbicides (*see also* Desiccants)
AC 263,222, soyabeans 3969, 8238
acetochlor
Lupinus 463
maize 4603
cultivars 3759
acifluorfen
groundnuts 378
rice 285, 9009-9010
soyabeans 3111, 3974, 9159
aclonifen, soyabeans 8240
alachlor
Brassica juncea 5127, 9424
Cajanus cajan 3245
Cicer arietinum 3255, 4886
groundnuts 379, 5227
maize 200, 921, 1624, 7260, 8047
Phaseolus vulgaris 4084
potatoes 522

Herbicides *cont.*
alachlor *cont.*
rape 1997, 3403
rice 2985
safflower 8520
sesame 644
soyabeans 3107, 3110, 3245, 3973, 4768, 5227, 7425
sugarcane 5227
Vigna mungo 3255, 5227
alloxydim, wheat 7934
ametryn
maize 7252
sugarcane 2042, 7783, 8605
amidosulfuron, wheat 1492
amitrole, barley 882
anilofos
maize 921, 7869
rice 275, 278, 1689, 4695, 4697, 8140, 9004
soyabeans 7869
Vigna radiata 1829
Vigna umbellata 7544
application date, barley 6312
application methods
maize 2887
soyabeans 2887
asulam, sugarcane 702, 2039
atrazine
Brassica juncea 2017
maize 198-200, 921-922, 1624, 1628-1629, 2888, 2911, 3757, 4603, 5455, 7252, 7255-7256, 7260
Pennisetum glaucum 3054
rape 4440, 6889
sorghum 1729-1730, 3898-3899
soyabeans 2888, 4440
sugarcane 1362, 2040-2042, 2659, 5168
sunflowers 4440
sweetcorn 2274
azimsulfuron, rice 287
Bay foe 5043
cereals 2109
cotton 2109
groundnuts 2109
maize 2109
potatoes 2109
rice 2109
soyabeans 2109
sunflowers 2109
benazolin, rape 1995
bensulfuron
cotton 7667
rice 2301, 2986, 7340, 9002, 9007
bentazone
Cicer arietinum 451
groundnuts 378, 1768
Linum usitatissimum 650
maize 1624
peas 8327
potatoes 526-527
rice 1691
soyabeans 3111, 3971, 3973, 9159
bifenox
rice 285, 9009-9010
wheat 1461, 1490, 7934
bromoxynil
barley 7185
cereals 762
cotton 3354
Linum usitatissimum 1962
maize 1624
rape 762
rye 762
wheat 44-45, 762, 1461, 3615, 7103, 7107, 7934
butachlor
Cajanus cajan 446
Cicer arietinum 8408
groundnuts 4802
maize 921
rape 3403
rice 272, 276, 278, 281-282, 446, 965, 989, 1689, 4649, 4695-4697, 7335, 8139-8140, 9004, 9008
sesame 644
soyabeans 1063, 3106-3107, 3112, 7869
Vigna radiata 1829

Herbicides *cont.*
butachlor *cont.*
Vigna unguiculata 7869
butylate
maize 1624
cultivars 3759
Cadre, groundnuts 3162
carbetamide, rape 4307
chloramben, sweet potatoes 583
chloridazon, sugarbeet 485
chlorimuron
Echinochloa frumentacea 7382
rice 4697
soyabeans 1063, 3106, 3112, 3978, 4771, 6580, 7868, 8237-8238, 9121
chlorotoluron
triticale 1547, 8847
wheat 1490, 1495, 2779, 4496, 7103
chlorsulfuron
barley 44
maize 8919
peas 6638
rape 4440, 9405
rice 6467
soyabeans 4440
sunflowers 4440
triticale 1547, 8847
Triticum durum 7104-7106
wheat 1486, 1492, 7104-7106
chlorthal-dimethyl, sweet potatoes 583
cinosulfuron, rice 9005
clethodim, *Cicer arietinum* 451
clomazone
cotton 612
Lens culinaris 1855
Lupinus angustifolius 1860
Lupinus luteus 1860
rape 1997-1998
rice 2704, 2985
soyabeans 2704, 3964, 3971, 7425, 8237, 9121
sugarcane 704
Vigna radiata 8374
wheat 2704
clomeprop, rice 7340
clopyralid
rape 1995
sugarbeet 486
cloransulam, soyabeans 7418
cotton 5016, 7660
cyanazine
Cicer arietinum 451
cotton 1953
maize 199
potatoes 4957
2,4-D
barley 1560, 2359, 7181
Cicer arietinum 8408
maize 922, 1624, 2359
rape 4440
rice 275-276, 278, 281, 1674, 1689, 3836, 4649, 7339, 9004
sorghum 1729-1730
soyabeans 4440, 8284
sugarcane 2040
sunflowers 4440
Vigna radiata 1829
wheat 42-43, 1484, 1498, 2359, 2765, 4492, 4494, 6182, 7100-7101, 7107, 7933, 7937, 8742, 8770
sugarcane 2041-2042
daimuron, rice 287, 2301, 9002, 9008
damage
cotton 612
maize 1623
2,4-DB, groundnuts 8315
desmedipham, sugarbeet 485, 487
dicamba
barley 1555, 1560, 2359
maize 1624, 2359
rice 276
triticale 1547
wheat 2359, 7107
dichloropicolinic acid
peas 401
wheat 401
dichlorprop
barley 6312
cereals 762
rape 762

Herbicides *cont.*
dichlorprop *cont.*
rye 762
triticale 1547
wheat 762, 1485, 1490
dichlorprop-P, wheat 44-45
diclofop
barley 1560, 7185
wheat 1479, 1492, 1495, 2779, 3616, 7936
difenzoquat, wheat 3616
diflufenican, triticale 1547
dimefuron, rape 4307
dimepiperate, rice 287, 2301, 7334, 9002, 9007
dimethachlor, rape 1998
dimethenamid
maize 1624
tobacco 7751
wheat 2147, 8771
diphenamid, sweet potatoes 583
diuron
barley 1565
cotton 1951, 1953
sugarcane 1362
tobacco 7753
Vicia faba 7505
endothal, sugarbeet 487
EPTC
maize 200, 1624
Phaseolus vulgaris 4084
ethalfluralin
groundnuts 377
soyabeans 5646
ethametsulfuron
buckwheat 765
Phaseolus vulgaris 765
potatoes 765
sunflowers 765
ethofumesate, sugarbeet 485, 487
F8426, maize 1623
fenclorim, rice 273, 7341
fenoxaprop
soyabeans 3111, 3970, 8240
wheat 1485, 7936
fenoxaprop-P, wheat 1490, 1492
flamprop, wheat 3616, 7103
flamprop-M, wheat 1492
fluazifop
cotton 4254
groundnuts 379
Hibiscus sabdariffa 5083
jute 1271
maize 2913
soyabeans 3111, 3968, 3971, 9118
sugarbeet 486
sweet potatoes 583
fluazifop-P
jute 629-630
maize 7257
soyabeans 3112, 3964, 7257, 9119
fluchloralin
Brassica juncea 5125, 5127, 7742, 9424
Cajanus cajan 1845, 7466, 7559
Cicer arietinum 3255, 4886, 8408
cotton 1952
Cyamopsis tetragonoloba 8415
groundnuts 379, 1767, 4801, 7466, 8314, 8634
Hibiscus sabdariffa 5083
jute 629-630, 1271, 5081, 8634
maize 1845
potatoes 522
safflower 8520
sesame 644
soyabeans 1063, 3105-3106, 3108, 3112, 3964, 3974, 4760, 4768, 7421
sugarcane 701
Vigna mungo 3255, 8634
Vigna radiata 8374
wheat 7906
flumetsulam, soyabeans 3965
fluometuron, cotton 612, 1953, 4254, 5021
fluorodifen, maize 7260
fluoroglycofen, wheat 46, 1490, 1492
flurenol
barley 1555
triticale 1547

Herbicides *cont.*
fluridone, wheat 7120
fluroxypyr
barley 1560
triticale 1547
wheat 43, 1490, 1495, 4491-4492, 7933, 8734, 8770
fomesafen
cotton 4254
soyabeans 3111, 3972, 9118
glyphosate
barley 871, 4563
cotton 3353
Linum usitatissimum 7683
maize 921-922
oats 865
Phaseolus vulgaris 9232
rape 4440, 5735
rice 4699, 7336
soyabeans 3107, 4440, 7421
sugarcane 700
sunflowers 4440
tobacco 1326
Vicia faba 5735, 9207
halosulfuron
maize 8920
wheat 8920
haloxyfop
Cicer arietinum 451
rice 286
soyabeans 3970, 9116, 9118
swedes 492
imazamethabenz
Brassica juncea 766
Linum usitatissimum 766
maize 766
peas 766
Phaseolus vulgaris 766
potatoes 766
rape 766
sugarbeet 766
sunflowers 766
wheat 766, 7936
imazapyr
maize 1660
soyabeans 3971
imazaquin
cotton 4255
maize 8918-8919
rice 2985, 9008
soyabeans 3965, 3968-3970, 3972, 4771, 6580, 8238
tobacco 1326
imazethapyr
Brassica juncea 766
Cajanus cajan 7559
cotton 4255
groundnuts 377, 7467
Lens culinaris 2465, 8412
Linum usitatissimum 766
Lupinus 463
Lupinus angustifolius 1860
Lupinus luteus 1860
maize 766
peas 766
Phaseolus vulgaris 766, 4084
potatoes 766
rape 766
rice 2985
soyabeans 1064, 2376, 3111, 3968, 4770, 6581-6582, 8240
sugarbeet 766
sunflowers 766
Vicia faba 2465
Vigna unguiculata 4869
wheat 766
imazosulfuron
peas 8239
rice 9002
soyabeans 8239
inorganic acids, tobacco 7752
ioxynil
cereals 762
rape 762
rye 762
wheat 45, 762
isoproturon
Brassica juncea 5126, 7742
Cicer arietinum 4886
Echinochloa frumentacea 7382
safflower 8520

Herbicides *cont.*
isoproturon *cont.*
sorghum 2341
sugarcane 701
triticale 1547, 8847
Vigna mungo 2341
wheat 42-43, 803, 965, 1481, 1483-1485, 1490, 1495, 1497-1499, 3617, 4474, 4491, 4493-4494, 7100-7101, 7932-7933, 8718, 8724, 8726, 8770
isoxaben, triticale 8847
lactofen, soyabeans 3977
lenacil
Brassica juncea 2017
Linum usitatissimum 650
maize 8050
linuron
Lens culinaris 1855
Linum usitatissimum 650
maize 1624
potatoes 529
soyabeans 3978, 4769, 8240, 9122
triticale 1547
Vicia faba 3198
wheat 2765
maize 1624
MCPA
barley 1555, 1560, 6312
cereals 762
Linum usitatissimum 650, 1962
potatoes 4956
rape 762
rye 762
sugarcane 8605
triticale 1547
wheat 44-45, 762, 1485, 1490, 2765, 7107
MCPB, *Cicer arietinum* 451
mecoprop, wheat 1485, 8742
mefenacet, rice 2301, 9002
metamitron
Lupinus angustifolius 1860
Lupinus luteus 1860
metazachlor, rape 1997, 4307
methabenzthiazuron
Lens culinaris 1855
safflower 8520
soyabeans 4769, 9159
triticale 1547
Vicia faba 1125
wheat 1485, 1490-1491, 6182, 7103
methazole, cotton 1953
metobromuron
maize 1624
soyabeans 3968, 9117-9118
metolachlor
Brassica juncea 7742
Cajanus cajan 1845
cotton 4254
groundnuts 377-378, 1768, 8312
maize 200, 921, 1624, 1845, 3757, 4603, 7252, 7260, 8047
potatoes 528-529, 1219, 4957
rice 2985
sorghum 2341
soyabeans 3111, 3964, 3968, 3973-3974, 9117-9118
sweet potatoes 1219
sweetcorn 2274
Vigna mungo 2341
Vigna umbellata 7544
metoxuron
barley 7185
wheat 6182, 7103
metribuzin
Cicer arietinum 451
groundnuts 5227
Lens culinaris 8412
Lupinus angustifolius 1860
Lupinus luteus 1860
maize 1628
potatoes 525, 527-529, 532, 1219-1220, 4959
soyabeans 3108, 3111, 3965, 3974, 4769, 4771, 5227, 6580, 8237-8238
sugarcane 704, 1362, 2040-2041, 2659, 5168, 5227
sweet potatoes 1219
Vigna mungo 5227

Herbicides *cont.*
metribuzin *cont.*
wheat 1486
metsulfuron
Echinochloa frumentacea 7382
triticale 1547
wheat 44, 1486, 1492, 1497, 4492
metsulfuron-methyl, wheat 8734
molinate
rice 7334, 7338, 8141, 9002, 9007
Vigna radiata 1829
MSMA
cotton 1953, 4253
sugarcane 700
napropamide, sweet potatoes 583
nicosulfuron
groundnuts 8315
maize 991, 1624-1625, 4608, 7868, 8048, 8916
sweetcorn 3812
nontarget effects
maize 7869
rice 7335
soyabeans 2376, 7257, 7869
Triticum durum 7104
Vigna unguiculata 7869
wheat 7104
norflurazon
cotton 1953
tobacco 7757
oryzalin, soyabeans 9122
oxadiazon
Brassica juncea 5126, 7742
rice 272, 277, 282, 285, 1674, 9009-9010
soyabeans 3108, 3111, 3973, 9159
oxyfluorfen
Brassica juncea 5127, 7742, 9424
cotton 5866
groundnuts 7467
maize 200, 922
potatoes 522, 3315, 4958
rice 278, 282, 284-285, 1689, 7340, 9004, 9006, 9009-9010, 9012
soyabeans 348, 3105, 3108, 3973, 7421, 7428, 7869, 9159
Vigna unguiculata 7869
paraquat
barley 8856
cotton 2592
groundnuts 378
maize 7259
peas 4043, 8327
potatoes 522
rice 7336
soyabeans 7259
sugarcane 2040
tobacco 7757
wheat 8797
pendimethalin
Brassica juncea 1315, 5125, 7742
Cajanus cajan 446, 1845, 7466, 7559
Cicer arietinum 3255
cotton 1951-1952, 2584, 4254, 5866
Cyamopsis tetragonoloba 8415
groundnuts 379, 4802, 7466-7467, 8312, 8314
jute 630, 1271
Lens culinaris 1855
maize 200, 921-922, 1845, 7869
potatoes 522
rice 280-281, 446, 7338
safflower 8520
sorghum 3038
soyabeans 3968, 3973, 4768, 7421, 7869, 9159
tobacco 7751
Vigna mungo 3255
Vigna radiata 8374
wheat 43, 1496, 4491, 4494, 7932-7933
phenmedipham
barley 2855
peas 2855
sugarbeet 485-487
phytotoxicity, soyabeans 1064
potassium chlorate, maize 7254
pretilachlor, rice 273, 281, 288, 4695, 7334, 7341
primisulfuron
barley 8007

Herbicides *cont.*
primisulfuron *cont.*
maize 8048
prometryn
cotton 1953, 9357
cultivars 7675
Lens culinaris 1855
Lupinus 463
sorghum 1729
soyabeans 4769
propanil, rice 1674, 7338, 8141
propyzamide
Lens culinaris 1855
rape 1995
prosulfuron
barley 3069
maize 3069
oats 3069
rice 3069
sorghum 3069
wheat 3069, 4497
protectants, wheat 8797
prynachlor, rape 1995
pyrazosulfuron, rice 281, 2301, 9002, 9007-9008
pyributicarb, rice 7340
pyridate, maize 1624
pyrithiobac
cotton 1953, 3350-3351, 3354, 4253, 4439, 8485
sorghum 4439
soyabeans 4439
wheat 4439
quinclorac
maize 2912
rice 7338, 8141, 9002
quinmerac, sugarbeet 485
quizalofop
barley 2855
maize 2913
peas 2855
soyabeans 3970, 5646
tobacco 7751
quizalofop-P, rape 4307
residual effects
buckwheat 765
cotton 4255
maize 9115
oats 3698
Phaseolus vulgaris 765
potatoes 765
sorghum 4439
soyabeans 4439
sunflowers 765
triticale 3698
Vigna radiata 1829
wheat 4439
residues, rice 6467
resistance
barley 8856
rice 7337
rimsulfuron
maize 1625, 1627, 7868
potatoes 525-526, 529, 1220
safeners
maize 1624, 2238-2239, 7260
rice 287-288, 2986, 4695, 7335, 7340
wheat 1492, 2147, 8771
sethoxydim
Lupinus 463
maize 2913
potatoes 4957
rape 1995, 4307
soyabeans 3968, 3971, 5646, 9116
wheat 1487
simazine
oats 3698
rape 3403
soyabeans 8240
sugarcane 1362
triticale 3698
Vicia faba 3198
sulfentrazone, soyabeans 6578, 7419
sulfonylurea herbicides, soyabeans 4770
sulfosate, rice 4699
sunflowers 1282
surfactants
soyabeans 6578
sugarbeet 487
TCA, sugarcane 700

Herbicides *cont.*
tebutam
Lens culinaris 1855
rape 1998
tebuthiuron, sugarcane 7783
terbacil, sugarcane 704
terbuthylazine, *Cicer arietinum* 451
terbutryn
groundnuts 1767
safflower 8520
triticale 1547
thifensulfuron
barley 8008
soyabeans 1064, 4770, 7868
wheat 1492
thiobencarb
groundnuts 5227
rice 282, 2300-2302, 7334, 7338-7339, 9002, 9004, 9011
sesame 644
soyabeans 4768, 5227, 7408, 9159
sugarcane 5227
Vigna mungo 5227
Vigna umbellata 7544
tolerance
cotton, cultivars 7675
fodder beet 7617
groundnuts 377
Lens culinaris 2465
peas 8327
Phaseolus vulgaris 4084
potatoes 4959
rape 6889
rice 4699, 9012
soyabeans 348, 3977, 4770
sugarbeet 7617
sugarcane 704
Vicia faba 2465
Vigna unguiculata 4869
wheat 8771
toxicity
Brassica juncea 766
Cicer arietinum 451
cotton 3351, 3354, 4439, 8485
groundnuts 377, 1768, 8315
Hibiscus cannabinus 1970
Linum usitatissimum 766
maize 766, 921, 7257
peas 766, 8327
Phaseolus vulgaris 766
potatoes 527, 529, 766
rape 766, 1998, 4440, 5735
rice 6467, 9007, 9011
soyabeans 3758, 4440, 4770, 6578, 8237
sugarbeet 766, 3758
sunflowers 766, 3758, 4440
sweetcorn 3812
Vicia faba 5735
wheat 766, 3758, 7107, 7937, 8797
tralkoxydim
Linum usitatissimum 1962
wheat 1492, 1495, 1499, 3615, 4492, 8724
translocation, barley 8856
triasulfuron
triticale 1547
wheat 46, 1486, 7937
triazine herbicides
maize 3758
soyabeans 3758
sugarbeet 3758
sunflowers 3758
wheat 3758
tribenuron
barley 1560, 6312
Echinochloa frumentacea 7382
Eleusine coracana 322
wheat 1497, 4492
tribunil, *Brassica juncea* 2017
trifluralin
Brassica juncea 1996, 5126
cotton 612, 2584
groundnuts 379
Lens culinaris 1855
maize 7258
rape 1996
soyabeans 3965, 5646, 9121
swedes 492
triflusulfuron
rape 7722

Herbicides *cont.*
triflusulfuron *cont.*
sugarbeet 487, 7722, 7868
triticale 7170
wheat 7102
Hibiscus cannabinus
accumulation, selenium 2622
chlorophyll, fluorescence 6991
crop husbandry
Europe 4267
USA, Mississippi 2598
crop management, Kenya, reviews 4271
cultivars
Argentina 4269-4270
Switzerland 9372
USA, Texas 4268
Fuhong-1 9373
diseases, seedborne fungi 5650
fertilizers
nitrogen 9371
NPK fertilizers 8506
phosphorus 7689
fibres, quality 5915
flooding 5082
fruits, position 2599
growth regulators
gibberellins 2599
NAA 2599
2-naphthoxyacetic acid 2599
naphthylacetamide 2599
harvesting, harvesting date 8506
herbicides, toxicity 1970
irrigation, irrigation scheduling 6978
Kenya 4326
leaves, nastic movements 6991
light, use efficiency 5912
mineral uptake, selenium 2622
photosynthesis
diurnal variation 6991
photosystem I 6991
photosystem II 6991
plant density 9371-9372
plant height 2599
salinity 633, 2622
seed treatment, microwave treatment 5650
seedlings, emergence, salinity 633
sowing date 9371
tropisms, heliotropism 6991
water use efficiency 6978
yield correlations 2599
Hibiscus sabdariffa
cultivars, India, Andhra Pradesh 7690
dry matter accumulation 5084
fertilizers
nitrogen 5084, 7690
NPK fertilizers 8506
phosphorus 5084, 7690
potassium 5084, 7690
harvesting, harvesting date 8506
herbicides
fluazifop 5083
fluchloralin 5083
irrigation 1971
seeds
germination
light 1971
temperature 1971
storage 1971
viability 1971
weed control, manual weed control 5083
Hordeum (*see* Barley)
Hungary
Cicer arietinum, cultivars 8402
farming systems, organic farming, research 775
maize, cultivars 2877
Phalaris canariensis, production possibilities 1739
sugarbeet, crop production 3278
Triticum durum, cultivars 2753
wheat
cultivars 2753, 2801, 3929
land use 2809
Hydroponics, oxygen, deficiency, reviews 3518
Hypoxia, reviews 3518
Image processing, techniques 7873
***In vitro* culture**
books 4458, 8712
conferences 8701

***In vitro* culture** *cont.*
culture media
peas 9198
Vigna unguiculata 9241
organogenesis, reviews 6120
somatic embryogenesis, *Vigna unguiculata* 9241
techniques 2090
India
Andhra Pradesh
Cajanus cajan
crop production 7546
cultivars 7556
cotton, production possibilities 7814
groundnuts
crop production 7457
cultivars 4797
Hibiscus sabdariffa, cultivars 7690
precipitation 7880
rice, cultivars 6433, 7323, 8116
soyabeans
cultivars 7407
production possibilities 7814
sugarcane, cultivars 3451, 6047
sunflowers, production possibilities 7814
Vigna mungo, cultivars 8373
Vigna radiata, cultivars 8373
Assam
groundnuts, cultivars 6626
precipitation 755
rice, cultivars 4654, 6454
sugarcane, cultivars 1358, 6045-6046, 9451
sweet potatoes, cultivars 4997, 5842
Bihar
Cajanus cajan, crop production 2476
Cicer arietinum, crop production 2476
Lathyrus sativus, crop production 2476
Lens culinaris, crop production 2476
peas, crop production 2476
rice, cultivars 6414
sesame, cultivars 2603
Vigna radiata
crop production 2476
cultivars 3231
wheat, cultivars 5290
Brassica juncea, seed production 2012
Cajanus cajan, cultivars 5781
crop production, fertilizers, potassium 2074
cropping systems 1426
biomass production 7037
reviews 771
groundnuts, crop husbandry 4792
Gujarat, *Trigonella foenum-graecum,* cultivars 473
Haryana
agricultural meteorology 3478
Cajanus cajan, production possibilities 7036
cereals, agricultural meteorology 6550
Cicer arietinum, production possibilities 7036
cotton, production possibilities 7036
cropping systems, precipitation 3478
Cyamopsis tetragonoloba, production possibilities 7036
Pennisetum glaucum
cultivars 4746
production possibilities 7036
yields 9076
sugarcane, cultivars 2038
sunflowers, production possibilities 7036
Trigonella foenum-graecum, cultivars 2473
wheat
cultivars 7908
production possibilities 7036
Himachal Pradesh
Panicum sumatrense, cultivars 9083
potatoes, cultivars 539, 9311
precipitation 5344
Indian Punjab
potatoes, cultivars 8459
triticale, cultivars 5382
Karnataka
Cicer arietinum, cultivars 7569
India *cont.*
Karnataka *cont.*
groundnuts, cultivars 4799
potatoes, cultivars 8453
Vigna mungo, cultivars 7540
Kerala
rice, cultivars 8999
Vigna unguiculata, cultivars 435
Linum usitatissimum, cultivars 5927
Macrotyloma uniflorum, cultivars 471
Madhya Pradesh
Brassica juncea, crop husbandry 6077
Cajanus cajan, crop husbandry 6963
Cicer arietinum
crop husbandry 8397
cultivars 4123
cotton, crop husbandry 5862
crop production 1369
cropping systems 1369
Eleusine coracana, production possibilities 6540
groundnuts, crop husbandry 6963
Lens culinaris, cultivars 7583
Linum usitatissimum, cultivars 2606
Panicum sumatrense, production possibilities 6540
Paspalum scrobiculatum, production possibilities 6540
Phaseolus vulgaris, cultivars 2424
potatoes, cultivars 512
rice, crop husbandry 6963
sesame, crop husbandry 6077, 6963
sorghum, crop husbandry 6963
soyabeans
crop husbandry 3931, 6963
cultivars 6568, 8231
soil fertility 3931
Vigna mungo, crop husbandry 6077, 6963
Vigna radiata, crop husbandry 6963
wheat, crop husbandry 6077
Maharashtra
agricultural meteorology 8694
Brassica juncea, cultivars 5975-5976, 5978
Cajanus cajan, production possibilities 6085
groundnuts, production possibilities 6085
Macrotyloma uniflorum, cultivars 472
Pennisetum glaucum, production possibilities 6085
precipitation 4448
rice, cultivars 6448
sorghum
cultivars 3032, 5580
production possibilities 6085
soyabeans, cultivars 8232
sugarcane, crop husbandry 7778
sunflowers, cultivars 5938
maize, production possibilities 7768
Manipur, rice, crop husbandry 3813
Orissa
Eleusine coracana, cultivars 4747
potatoes, production 505
rice, cultivars 6455, 7332
sugarcane, cultivars 6044, 7781, 9452
sweet potatoes
crop production 5839
cultivars 9337
potatoes
agricultural research 8430
cultivars 9310
Rajasthan
Brassica juncea, crop production 6920
Cicer arietinum, cultivars 6720
groundnuts, crop production 6920
rape, crop production 6920
sesame, crop production 6920
rape, seed production 2012
reports
Central Tobacco Research Institute 2119
Central Tuber Crops Research Institute 5243
Indian Agricultural Research Institute 8698-8700
Nagarjuna Agricultural Research and Development Institute 9568
India *cont.*
reports *cont.*
National Research Centre for Groundnut 5244
rice, cropping systems, constraints 2276
root crops, reviews 5012
sesame
crop husbandry 2602
cultivars 2604
sorghum
cultivars 2340
sweet sorghum, cultivars 312
soyabeans
crop production 8212
cultivars 3953
sugarcane
cultivars 1360, 2656, 9453
production possibilities 7768
yields 4344
Tamil Nadu
cotton, cultivars 6805
cropping systems 2716
groundnuts, crop husbandry 6624, 8302
precipitation 2716
rice
cultivars 6445
yields 6445
sugarcane, cultivars 1359, 6050
Uttar Pradesh
Cicer arietinum, cultivars 7567
crops, diversity 1374
Eleusine coracana, cultivars 1735
farming systems, organic farming 7876
Lens culinaris, cultivars 6727
maize, cultivars 1345
Phaseolus vulgaris, cultivars 6675
potatoes, seed tubers, production 1901-1902
sugarcane, crop husbandry 4462
sweet potatoes, cultivars 1935
Vigna mungo, cultivars 6705
Vigna radiata, cultivars 6705
wheat
agroforestry 6159
crop husbandry 4462
cultivars 802, 809, 2142
Vigna umbellata, cultivars 7543
West Bengal
Cajanus cajan, cultivars 1166
cropping systems, planning 7881
groundnuts
crop production 7456
cultivars 1091, 4798
rice
crop husbandry 2958, 6411
cultivars 1682
sweet potatoes, cultivars 1939
water balance, models 7881
wheat, cropping systems, constraints 2276
Indian mustard *(see Brassica juncea)*
Indonesia
groundnuts, cultivars 4800
maize, seed quality 9099
soyabeans, seed quality 9099
Vigna radiata, climate 2446
wheat
farming systems
low input agriculture 6163
sustainability 6163
Insecticides
aldicarb
groundnuts 1769
sugarbeet 488
aldrin, *Cicer arietinum* 8408
botanical insecticides, potatoes 3316
carbaryl
potatoes 536
rice 2311
carbofuran
Cicer arietinum 8408
cotton 8487
maize 923, 8028
rice 1675, 8144
sugarbeet 488, 4908
sweet potatoes 585
carbosulfan, maize 923
cartap hydrochloride, rice 8144

Insecticides *cont.*
chlorpyrifos
groundnuts 1769
sugarcane 2043
cyfluthrin
maize 6378
peas 1783
cyhalothrin, cotton 2585
cypermethrin
cotton 1954, 2585
Vigna radiata 1830
zeta-cypermethrin, rape 2001
deltamethrin
barley 2359
cotton 1954, 2585
maize 2359
potatoes 536
Vigna radiata 1830
wheat 2359
demeton-S-methyl, *Brassica juncea* 8561
diflubenzuron, soyabeans 3983
dimethoate
peas 1783, 6639
Phaseolus vulgaris 9232
potatoes 535
soyabeans 8240
Vigna radiata 1830
wheat 8742
endosulfan
Brassica campestris var. *sarson* 2009
Cicer arietinum 1849
peas 1783
rice 3618
Vigna unguiculata 4870
wheat 3618, 7954
etofenprox, rice 8144
fenthion, sugarbeet 488
fenvalerate, cotton 1954, 2585
formothion, barley 2211
furathiocarb
Phaseolus vulgaris 5571
sorghum 5571
HCH
Cicer arietinum 8408
rice 965
wheat 965
imidacloprid
groundnuts 4035
Mucuna pruriens 4035
sugarbeet 3273
malathion
Vigna radiata 1830
Vigna unguiculata 4870
methamidophos, potatoes 1914
monocrotophos
cotton 2585
groundnuts 8316
potatoes 1914
rice 2311
soyabeans 3980, 6554
oxydemeton-methyl, potatoes 1914
phorate, tobacco 6931
phosalone, cotton 2585
phosphamidon
barley 2211
Brassica juncea 8561
rice 2311
soyabeans 8241
phoxim, wheat 8742
quinalphos, cotton 2585
thiodicarb, maize 923
toxicity
rice 3618
wheat 3618
tralomethrin, soyabeans 3114
triazophos
cotton 2585
potatoes 9315
sweet potatoes 584
wheat 6158
Intercropping
barley 387, 680, 1549, 5190, 5390, 9204
Brassica campestris var. *toria* 6089, 9477
Brassica carinata 8542
Brassica juncea 449, 1176, 1322, 2063, 2671, 5114-5115, 5264, 6022, 6970, 7735, 9477
Brassica nigra 8621
Cajanus cajan 319, 379, 1843, 1845, 2668, 3245, 3468-3469, 4366, 4881,
Intercropping *cont.*
Cajanus cajan cont.
5183-5184, 5188, 5934-5935, 5939, 6083, 6085, 6717-6718, 7403, 7466, 7547, 7559, 7794, 8623, 9063, 9481, 9486
Canavalia ensiformis 2228
Capsicum 2065
cassava 435, 1589, 1944, 2564, 4583, 4999, 8464, 8626
Cicer arietinum 449, 801, 1371, 2063, 2671, 6075, 6091, 6970, 7076, 7735, 9477
Colocasia esculenta 4225-4226
cotton 2065, 2571, 3338, 4239, 5025, 5866, 6966-6967
Crotalaria juncea 3471
Cyamopsis tetragonoloba 3471, 7797, 8623
Dioscorea rotundata 591
Eleusine coracana 3468, 5604
groundnuts 379, 2273, 2564, 3338, 3469, 4881, 5184, 5186, 5227, 6968, 7466, 8023, 8522, 8626, 9482
Guizotia abyssinica 1322, 8541
Lablab purpureus 3468
Lathyrus sativus 9272
Lens culinaris 2, 1176, 2671, 4890, 6075, 6970, 7076, 7748, 9477
light, interception, models 4742
Linum usitatissimum 1322, 2063, 2671, 6075, 9477
maize 493, 591, 1345, 1589, 1845, 2065, 2228, 2880, 2897, 3471, 4583, 5025, 5186, 5422-5424, 6965, 6967, 6971, 7209, 7212, 7222, 7794, 8023, 8251, 8354, 8883, 9486
models 8621, 8693
oats 4364, 8621, 8837, 9204, 9272, 9483
onions 2065
Panicum sumatrense 5184
Paspalum scrobiculatum 7794
peas 387, 4364, 4463, 5190, 6089, 9181, 9477
Pennisetum glaucum 319, 5183, 5187-5188, 6083, 6085, 7797
Phaseolus vulgaris 319, 2897, 3207, 5424, 6699, 6965, 8354, 8542
potatoes 493, 4185, 5818, 6965, 7222
rape 1322, 6873, 8541-8542, 9477
reviews 2114
rice 238, 1372, 4649, 4686, 6971, 7312, 7547, 8619
Ricinus communis 8623
safflower 1371, 1871, 2063, 2671, 6091
sesame 1372, 3379, 5187, 6971, 8623, 8626, 9486
Sesbania aculeata 3471
sorghum 1371, 2668, 3887, 4366, 5186, 5188, 6085, 6091, 7363, 7797, 9063, 9481
soyabeans 1372, 1749, 2065, 2668, 3207, 3245, 3338, 3469, 3933, 4239, 5025, 5227, 5423, 6966, 7209, 7212, 7312, 7403, 7695, 8251, 8883, 9098, 9106, 9481
statistical analysis 2115
sugarbeet 1874
sugarcane 1344-1345, 1749, 2667, 5114-5115, 5162, 5227, 6022, 6075
sunflowers 379, 1371, 4364, 4366, 5934-5935, 5939, 6083, 6160, 6968, 7695, 8522, 9482
sweet potatoes 591
sweetcorn 2273
tobacco 680, 7748
Trigonella foenum-graecum 1344, 1871, 6022, 6075
triticale 9272
Triticum durum 4463
Vicia faba 3563, 4065, 4836, 5390, 8621, 9204
Vicia sativa 8837
Vigna mungo 238, 319, 1372, 2667-2668, 3338, 3469, 3471, 5186, 5227, 6717-6718, 6966, 6968, 7312, 7363, 7695, 7794, 8619, 8623, 9482, 9486
Vigna radiata 238, 319, 2065, 2571, 2667, 3338, 3379, 3469, 3471, 4366, 5187, 6966, 6968, 7312, 7559, 7695, 7794, 8619, 9482, 9486
Intercropping *cont.*
Vigna unguiculata 435, 1043, 2065, 2667, 2880, 3469, 3471, 3887, 4999, 5186, 6966-6967, 7559, 7794, 7797, 8464
wheat 2, 801, 2063, 2671, 3563, 5162, 5190, 5264, 6089, 6159-6160, 6965, 7076, 9181
Zea mexicana 1043
Ipomoea batatas (*see* Sweet potatoes)
Iran
potatoes, cultivars 511
Vicia faba, cultivars 7503
Irradiation
ultraviolet radiation
Brassica campestris 3415
Greece 5241
reviews 759, 3525, 5222, 5237
Irrigation
barley 877, 1566, 2844, 5277, 6973, 8001
irrigation requirements 6094
irrigation scheduling 5391
saline water 896
waste water 1552
Brassica carinata 6919
growth stages 3425
irrigation scheduling 1323, 3425, 6922
Brassica juncea 1315, 5977, 7736, 8561, 9420
growth stages 675, 3416, 3425, 5117, 9421
irrigation scheduling 3425, 4322, 6922, 8557
saline water 4372, 6909
Brassica napus
growth stages 3425
irrigation scheduling 3425
Cajanus cajan
factory effluents 7803
irrigation scheduling 1375
cassava 8626
irrigation scheduling 2564
cereals
saline water 3072
subsurface irrigation 2358
waste water 2358, 7805
Cicer arietinum 5783, 7567
factory effluents 7803
irrigation requirements 4402
cotton 620, 3341, 3483, 5873, 7665, 8473, 9362
economics 4243
fertigation 5883
furrow irrigation 600, 2571, 4243, 5031
irrigation requirements 3342
irrigation scheduling 597, 3342, 3347, 5029-5030, 5032, 5899, 6807, 6809, 6978, 7663, 9351
microirrigation 3482
models 6809
saline water 3342, 4372
sprinkler irrigation 7664, 8477, 9352
subsurface irrigation 9352
trickle irrigation 598-599, 1253, 1950, 4243, 5031, 6808, 8477, 9352
waste water 6095
Cyamopsis tetragonoloba, irrigation scheduling 1375
Eleusine coracana 5604, 7381
fodder beet, sprinkler irrigation 4155
groundnuts 1765, 2672, 8626, 9172
flood irrigation 720
growth stages 3158
irrigation requirements 4402
irrigation scheduling 2564, 3158, 5688, 7460-7461
sprinkler irrigation 720, 4801
trickle irrigation 720
Hibiscus cannabinus, irrigation scheduling 6978
Hibiscus sabdariffa 1971
irrigation scheduling, models 3481, 3575
Japan 6979
Lablab purpureus, irrigation scheduling 8418
Lens culinaris, factory effluents 7803
Linum usitatissimum 648, 1280

Irrigation *cont.*
Linum usitatissimum cont.
irrigation scheduling 3369, 5925
maize 152, 183-184, 741, 1580, 1597, 2672, 2877, 2879, 2886, 3483, 5426, 5433, 5445, 5449, 6344, 6346, 6989, 7208, 7216, 7275
computer software 7804
electrolysis 1600
fertigation 172, 2233, 7223, 7226
models 4640
furrow irrigation 1599
growth stages 5436, 6400
irrigation requirements 168, 719, 1601-1602, 3733, 5440, 6094, 6399, 7223, 7225, 8892
irrigation scheduling 170, 249, 3732, 6351, 7209, 7222, 7224-7225
irrigation water 4612
microirrigation 3482
models 8030, 8893
saline water 1657
sprinkler irrigation 173, 1599, 2893, 9352
subsurface irrigation 7806, 8894, 9352
trickle irrigation 170-173, 932, 1599, 8892, 9352
waste water 169, 917, 2894, 6095, 7805
water quality 1600
weather 8030
oats 6973
peas 1780, 2070, 6989, 8422
fertigation 5704
growth stages 3171
trickle irrigation 5704
Pennisetum glaucum, waste water 1726
Phaseolus vulgaris 4079, 5747, 8422, 9219
fertigation 417
furrow irrigation 1806
irrigation scheduling 4845
models 1806
saline water 3213, 6677, 7509
sprinkler irrigation 2422
potatoes 558, 741, 1223, 2070, 2501, 2511, 2513, 4990, 8442, 8461
fertigation 552
furrow irrigation 8435
irrigation requirements 719
irrigation scheduling 249, 498, 597, 1900, 4180, 6763, 7222
models 499
reviews 496
saline water 4181
sprinkler irrigation 4936
trickle irrigation 8435
rape 4308, 6973
irrigation scheduling 6922
rice 5496, 5510, 6421, 7318
brackish water 248
drainage water 244
furrow irrigation 4659
irrigation requirements 7316
models 6505
irrigation scheduling 249, 1674, 3820, 5505, 7317, 8974
irrigation systems 6423
sodic water 3574
sprinkler irrigation 3820, 6422
Ricinus communis
flood irrigation 720
sprinkler irrigation 720
trickle irrigation 720
safflower 9381
irrigation requirements 4402
sprinkler irrigation 1978
sesame 1276, 8626
growth stages 5089
irrigation scheduling 642-643, 1275, 7692
Setaria italica, saline water 323, 5607
sorghum 5569, 5581, 6346, 8182
computer software 7804
growth stages 9061, 9073
irrigation requirements 4402
irrigation scheduling 311, 3732, 5574, 6521
models 7370
models 6521

Irrigation *cont.*
sorghum *cont.*
saline water 8731, 9061
subsurface irrigation 7806
sweet sorghum 3891
irrigation scheduling 4734, 6978
waste water 1726, 6095
soyabeans 741, 1597, 6556, 7424, 8232, 8422, 9104
furrow irrigation 4761, 5620, 7410
irrigation requirements 719, 1070, 3075
irrigation scheduling 1751, 4025
irrigation systems 7410
microirrigation 3482
models 4025
subsurface irrigation 7806
sugarbeet 741, 1193, 3274
cultivars 3276
irrigation requirements 719, 3276, 4154, 6094, 8424
irrigation scheduling, models 499
sprinkler irrigation 4155, 9288
subsurface irrigation 7806
trickle irrigation 9287
sugarcane 1353, 5163, 7778, 8609
flood irrigation 720
furrow irrigation 6028-6029
irrigation requirements 9444
irrigation scheduling 1347, 5178, 7772-7773, 8597
models 7771-7772
sprinkler irrigation 720
trickle irrigation 720, 6028-6029
use efficiency 9444
waste water 4345
sunflowers 1985, 5941, 9383
computer software 7804
factory effluents 1296
growth stages 4285, 7699
irrigation requirements 4402
irrigation scheduling 656, 5942, 6866-6867, 6978
saline water 8525, 9384
sewage effluent 1296
subsurface irrigation 7806
waste water 917, 1296, 1552, 7805
sweet potatoes 2070, 4208
growth stages 4993-4994
techniques, irrigation scheduling 1900
tobacco 5138
furrow irrigation 5991
irrigation scheduling 8577
trickle irrigation 5991
triticale
factory effluents 7803
sprinkler irrigation 6293
Triticum dicoccum 4477
Triticum durum
irrigation scheduling 6978
saline water 6173, 6269
Vicia faba
irrigation requirements 4837
microirrigation 1120
Vigna mungo 2672
irrigation scheduling 249
Vigna radiata 1145, 2441, 2672, 2879
factory effluents 7803
furrow irrigation 2571
irrigation requirements 7526
irrigation scheduling 249, 1375, 7525-7526, 8371-8372
saline water 2442
Vigna unguiculata 5604
irrigation requirements 4115
irrigation scheduling 4115
wheat 13, 741, 877, 2750, 3483, 3594, 4476, 5277, 5301, 6973, 6989, 7988
brackish water 248
computer software 7804
drainage water 244
factory effluents 7803, 8832
fertigation 7072
growth stages 11, 675, 2748, 8728
irrigation requirements 4402, 6094
irrigation scheduling 10, 805, 807, 1375, 1482, 2749, 3575, 7907-7908, 7910, 8728, 8730
models 806, 2751, 7069, 7910, 8729
saline water 3605, 4372, 7909, 8731
sodic water 3574

Irrigation *cont.*
wheat *cont.*
waste water 6095
Israel, reports, Institutes for Applied Research, Ben-Gurion University of the Negev 2720
Italy
barley, cultivars 2140, 5395-5396, 6311, 8006
Brassica carinata
cultivars 5134
production possibilities 5134
Brassica juncea
cultivars 5134
production possibilities 5134
buckwheat, cultivars 6014
Calendula officinalis, production possibilities 9430
Camelina sativa, production possibilities 9430
Coriandrum sativum, production possibilities 9430
Crambe abyssinica
cultivars 5134
production possibilities 5134
cultivation, methods 6974
Euphorbia lagascae, production possibilities 9430
farming systems, organic farming 6128
land use, remote sensing 7027
Lepidium sativum, production possibilities 9430
Lesquerella fendleri, production possibilities 9430
Linum usitatissimum
cultivars 1975, 8501, 8516, 9378, 9380
seed production 9380
Madia sativa, production possibilities 9430
maize, cultivars 3753, 5441, 5450-5451, 8045
oats, cultivars 7990
peas, cultivars 2406, 8326
potatoes
cultivars 2526-2527, 9307
seed tubers, production 2506
rape
cultivars 5134, 6879-6884
production possibilities 5134
Raphanus sativus
cultivars 5134
production possibilities 5134
rice, cultivars 6422-6423, 6449, 6451, 6456
rye, cultivars 6288
Sinapis alba
cultivars 5134
production possibilities 5134
sorghum
crop husbandry 4736
cultivars 8189-8190
soyabeans, cultivars 3957
sugarbeet
crop husbandry 7603-7604
cultivars 2491-2494, 8425
sunflowers
cultivars 1282, 2616, 8529
seed production 1283
triticale, cultivars 6298, 6311
Triticum dicoccum, cultivars 6221
Triticum durum, cultivars 2140-2141, 3607, 6209-6220, 7927
Triticum spelta, cultivars 6221
Vernonia galamensis, production possibilities 9430
wheat, cultivars 2140, 6197-6208, 6222
Jack beans *(see Canavalia ensiformis)*
Japan
Echinochloa frumentacea, cultivars 2354
irrigation 6979
land use 1424
rice, cultivars 2293, 3842, 6446, 8998
solar radiation 2714
soyabeans
crop husbandry 2366
land evaluation 4756
Vigna angularis, cultivars 3241
Jordan, potatoes, cultivars 4953
Jute
cultivars, Rajendra Sada Pat-1 8505

Jute *cont.*
cultivation, residual effects 5080
fertilizers
nitrogen 2597
NPK fertilizers 1379, 5081, 8634
growth regulators
benzyladenine 7688
IAA 7688
NAA 7688
zeatin 7688
herbicides
fluazifop 1271
fluazifop-P 629-630
fluchloralin 629-630, 1271, 5081, 8634
pendimethalin 630, 1271
in vitro culture
growth regulators 7688
regeneration 7688
mulches, rice straw 1270
multiple cropping 8634
Brassica juncea 5080
Lathyrus sativus 5080
Lens culinaris 5080
rice 5080
pest control, sowing date 3376
pests, *Polyphagotarsonemus latus* 3376
seeds, germination 1270
soil amendments, rice straw, residual effects 1270
sowing date 3376
spacing 5081, 8634
taxonomy 1969
water stress 631
weed control
herbicides 630
hoeing 629, 8634
manual weed control 629-630, 1271, 5081, 8634
Kenaf (*see Hibiscus cannabinus*)
Kenya
barley, crop management, reviews 9086
cassava, crop management, reviews 9347
cotton, crop management, reviews 4271
Dioscorea, crop management, reviews 9347
Hibiscus cannabinus 4326
crop management, reviews 4271
Linum usitatissimum, crop management, reviews 4271
maize
agroforestry 156
crop husbandry 1579
Maranta arundinacea, crop management, reviews 9347
oats, crop management, reviews 9086
potatoes, crop management, reviews 9347
rice, crop management, reviews 8962
rye, crop management, reviews 9086
sugarcane, crop management, reviews 9441
sweet potatoes, crop management, reviews 9347
tobacco 4326
triticale, crop management, reviews 9086
wheat, crop management, reviews 9086
Korea Republic
reports, Rural Development Administration 2725
soyabeans, cultivars 2371
Lablab
seeds
anatomy 2481
testas 2481
Lablab niger (*see Lablab purpureus*)
Lablab purpureus
agroforestry 4361
air pollution, acid rain 7862
chlorophyll, fluorescence 6991
cultivars, Koala 1869
enzymes
chitinase 2471
mannosidases 7594
fertilizers
nitrogen 3264, 5798, 8418
phosphorus 3264, 5798, 9274
grafting 5677
growth regulators
NAA 5798
triacontanol 5798
intercropping, *Eleusine coracana* 3468
Lablab purpureus *cont.*
irrigation, irrigation scheduling 8418
leaves, nastic movements 6991
mineral nutrition, phosphorus 9274
mineral uptake
nitrogen 3264
phosphorus 3264
nitrogen fixation 4368, 6735
nodulation 3265, 6735
photosynthesis
diurnal variation 6991
photosystem I 6991
photosystem II 3501, 6991
pods, enzymes 2471
root nodules, anatomy 3265
roots, ultrastructure 8423
rotations, cotton 4368
seeds
composition, amino acids 4144
enzymes 2471, 7594
shoots, composition, minerals 9274
soil water content 8423
sowing date 1187, 1376
spacing 3264
taxonomy 4144
tropisms, heliotropism 3501, 6991
water use efficiency 8418
waterlogging 8423
Land use
Australia, remote sensing 2705, 4444
Brazil, São Paulo, remote sensing 3532
China, Shaanxi 3534
computer software, expert systems 1424
Ethiopia 1455
Japan 1424
models 2675, 9058
Netherlands 2708
remote sensing 770, 2706, 4443, 7032, 7874
Brazil 7026
Germany 4446
Italy 7027
South Africa 5230
Sahel 5233
Spain, remote sensing 2707
Taiwan 9058
UK, remote sensing 1423, 9550
West Africa 5233
Lathyrus cicera
fertilizers, nitrogen 4148
nitrogen fixation 4148
nodulation 4148
pH 4148
root inoculation, *Rhizobium leguminosarum* 4148
shoots, composition, nitrogen 4148
Lathyrus ochrus
fertilizers, nitrogen 4148
nitrogen fixation 4148
nodulation 4148
pH 4148
root inoculation, *Rhizobium leguminosarum* 4148
shoots, composition, nitrogen 4148
Lathyrus sativus
crop production, India, Bihar 2476
cultivars
Bulgaria 474
Barikhesari-1 6736
fertilizers, nitrogen 4148
flooding 5220
intercropping
oats 9272
triticale 9272
nitrogen fixation 4148
nodulation 4148
pH 4148
relay cropping, rice 5220
root inoculation, *Rhizobium leguminosarum* 4148
seeds
composition
fats 9279
heavy metals 6741
linoleic acid 9279
linolenic acid 9279
proteins 9279
vitamin E 9279
shoots, composition, nitrogen 4148
soil water content 5220
Leaves
anatomy, reviews 1414
canopy
light, reviews 8671
measurement
equipment 1420
techniques 1420
photosynthesis, models 6993
reflectance, models 1086
composition
nitrogen
models 2093
reviews 7003
cuticle
books 2734
permeability, reviews 3512
waxes 7845
emission, methanol 1391
enzymes 1396
epidermis, ultrastructure 7845
leaf conductance, reviews 3512
optical properties, reviews 1414
senescence
mineral nutrition 7000
reviews 4395, 5211
stomata, guard cells, ion transport, reviews 6998
stomatal movement, reviews 8640
Legumes (*see also* specific crops)
chemical composition, chromium 757
crop production, Australia 6737
cropping systems 5232
cultivars, identification, books 7888
enzymes
β-fructofuranosidase 8421
hexosyltransferases 8421
nitrogenase 479
sucrose synthase 8421
farming systems, organic farming 6130
fertilizers
potassium 3491
sulphur 6099
gene expression, nodulation 480
inoculation, *Rhizobium* 5805
mineral nutrition
iron 1189
manganese, toxicity 7825
mineral uptake
iron 7600
potassium 3491
mycorrhizas 5223
nitrogen fixation 479, 481, 4904, 5248, 5805, 7600
oxygen 9280
reviews 6125
nodulation 480, 4150, 4434, 4905, 5805, 7600
reviews 2097, 4433, 8660, 9156
seed treatment 5802
nodules, enzymes 479
photoperiod 4357
pollution, chromium 757
root nodules
bacteroids, reviews 9540
plasma membranes, reviews 6743
roots, siderophores 7600
seed inoculation
Rhizobium 5802
strains 4905
seeds
cell walls, composition, polysaccharides, reviews 8670
composition, proteins, reviews 9278
development 8421
germination, seed treatment 5802
metabolism
enzymes 8421
sugars 8421
translocation
enzymes 8421
sugars 8421
soil water 7800
symbiosis, reviews 6743, 9540
temperature 4357
yields, Australia 4449
Lens, taxonomy 1179
Lens culinaris
chemical composition
nickel 726
sugars 5788
crop production, India, Bihar 2476

Lens culinaris cont.
cultivars
India
Madhya Pradesh 7583
Uttar Pradesh 6727
ILL5582 458
Masoor-93 457
Talia-2 459
cultivation
harrowing 8624
methods 3466
minimum tillage 8624
no-tillage 8410, 8624
development 8413
energy relations 2671
enzymes 8413
amine oxidase (copper-containing) 1177, 8413
amylases 4893
peroxidases 4893
evapotranspiration 1856
fertilizers 2072, 3466, 7311
nickel 726
nitrogen 455-456, 4148, 4151, 6729, 7076, 7580, 7584
NPK fertilizers 6970
phosphorus 456, 4885, 4891, 6729, 7580, 7584
potassium 456, 6729, 7584
sulfur 4891
flooding 5220
gravity 9262, 9395
growth regulators, gibberellins 1178
herbicides
clomazone 1855
imazethapyr 2465, 8412
linuron 1855
methabenzthiazuron 1855
metribuzin 8412
pendimethalin 1855
prometryn 1855
propyzamide 1855
tebutam 1855
tolerance 2465
trifluralin 1855
in vitro culture, regeneration 5789
inoculation, *Rhizobium* 4151
intercropping
Brassica juncea 1176, 6970
Capsicum 4890
rape 9477
tobacco 7748
wheat 2, 2671, 7076
irrigation, factory effluents 7803
metabolism
nucleic acids 8413
oligosaccharides 460
phenolic compounds 4127
proteins 4129
sugars 460, 5788
mineral nutrition, potassium, deficiency 5788, 7582
mineral uptake 7582
aluminium 9538
iron 9538
manganese 9538
nitrogen 455, 6090
phosphorus 6090
potassium 6090
multiple cropping 8624
rice 6086
soyabeans 6090
mycorrhizas 1188
nitrogen balance 9281
nitrogen fixation 4148, 7579, 9281
cultivation 8410
determination 455
seasonal variation 455
nodulation 4148, 4151, 7583
fertilizers 6729
nutation 9395
pH 4148
plant competition, weeds 4816, 7581
pollution
cadmium 4129, 4893
copper 4129, 4893
mercury 4129, 4893
zinc 4129, 4893
relay cropping, rice 5220
root inoculation, *Rhizobium leguminosarum* 4148

Lens culinaris cont.
root nodules, composition, nitrogen 6729
roots
distribution 8715
growth 7584
length 8715
measurement, techniques 7584
root caps, starch 1178
rotations 7311, 8410, 8624
salinity 4128, 6672
salt tolerance, cultivars 4128, 7582
seed inoculation
Rhizobium 1188, 7583
Rhizobium leguminosarum 9281
seed treatment
hot water treatment 6728
scarification 6728
seedlings 8413
development 9277
enzymes 1177
growth 9277
seeds
colour 4892
composition
amino acids 9261
calcium 1852
fats 9279
fibre 9261
glycosides 476
heavy metals 6741
iron 1852
linoleic acid 9279
linolenic acid 9279
minerals 9261
phenolic compounds 4127
phytic acid 1852
polyphenols 1852
proteins 456, 4129, 9261, 9279
saponins 4887, 4892, 5794
trace elements 9261
vitamin E 9279
enzymes 4893
germination
heavy metals 4129, 4893
light 460
metabolism 460, 4127, 4887
salinity 6672
seed treatment 460, 6728
hard seeds 6728
metabolism 4129
size 4892
shoots, composition, nitrogen 4148, 7579
soil amendments
lime 9538
manures 1188
soil conservation 3466
soil inoculation
Rhizobium 1188
Rhizobium leguminosarum 456
soil pH 9538
soil water content 5220
sowing date 9260
sowing methods 3466
sowing rates 7580, 8412
space science 9262
spacing 6727, 8411
taxonomy 3259
temperature, heat sums 1856
tropisms, gravitropism 1178, 9262
water use 1856
weed control
cultural control 8412
estimation 1854
herbicides 2110, 8412
manual weed control 1855, 7581
Lens esculenta (*see Lens culinaris*)
Lentils (*see Lens culinaris*)
Lepidium sativum
production possibilities
Italy 9430
Mediterranean region 9430
seeds, composition, oils 9430
Lesquerella, production possibilities, Argentina 5983
Lesquerella auriculata
metabolism, fatty acids 6924
seeds
development 6924
metabolism 6924
Lesquerella fendleri
metabolism, fatty acids 6924

Lesquerella fendleri cont.
production possibilities
Italy 9430
Mediterranean region 9430
seeds
composition, oils 9430
development 6924
metabolism 6924
Lesquerella kathyrn
metabolism, fatty acids 6924
seeds
development 6924
metabolism 6924
Light (*see also* Solar radiation)
books 7891
far red light, measurement, apparatus 760
models 7850
red light, measurement, apparatus 760
use efficiency, reviews 4414
Lima beans (*see Phaseolus lunatus*)
Limnanthes
production possibilities, Argentina 5983
seeds, composition, oils, determination 7747
Linseed (*see Linum usitatissimum*)
Linum usitatissimum
air pollution, heavy metals 5214
biomass production 647
carbon dioxide enrichment 6855
cells, plasma membranes, enzymes 9367
chemical composition
heavy metals 5214
manganese 2607
nitrogen 9363
phosphorus 2607, 9363
potassium 9363
sulfur 2607
climate 647
climatic change 3543
crop management, Kenya, reviews 4271
crop production, Argentina 3543
cultivars
Denmark 6104, 8638
genotype environment interaction 6862
India 5927
Madhya Pradesh 2606
Italy 1975, 8501, 8516, 9378, 9380
AC Emerson 1977
Jitka 3371
cultivation
discing 8627
harrowing 8624, 8627
minimum tillage 8624, 8627
no-tillage 8624
ploughing 5192, 8627
subsoiling 5192
diseases
Fusarium oxysporum 4266
Oidium lini 4266
dry matter accumulation 2666
energy relations 2671
enzymes
pectinesterase 7684-7685
peroxidases 1963
transferases 5910, 9367
epidermis
cell walls
composition, pectins 9368
metabolism 9368
ultrastructure 9368
evapotranspiration, growth stages 3369
fertilizers 2072
boron 8500
application methods 9365
farmyard manure 7818
manganese 2607
nitrogen 648-649, 1278, 1280, 1381-1382, 1961, 2595, 5924, 8515
application methods 9365
requirements 5135
NPK fertilizers 7693, 7818
application methods 9366
phosphorus 5925, 6986
application methods 5926, 9365
residual effects 975
sources 975
potassium, application methods 9365
sulfur 2607
zinc 649, 5926

Linum usitatissimum *cont.*
fibres
composition
aromatic compounds 1964
carbohydrates 1964
lipids 7686
phenolic compounds 1964
development 8502
quality 2595, 7682, 8499
growth regulators 627
flooding 5220
green manures
Chromolaena odorata 1381-1382
Sesbania aculeata 1381-1382
growth, growth stages 3369
growth analysis 2082, 7010
growth regulators
abscisic acid 5928
auxins 627, 4266
benzyladenine 5928
chlormequat 9379
2,4-D 5092
ethephon 9379
ethylene 4266
gibberellins 4266, 5092, 6861
IAA 6861
IBA 5092
kinetin 5092
phenylacetic acid 4049
zeatin 5092
harvesting 647
harvesting losses 7807
machinery 628, 7807
herbicides
bentazone 650
bromoxynil 1962
glyphosate 7683
imazamethabenz 766
imazethapyr 766
lenacil 650
linuron 650
MCPA 650, 1962
toxicity 766
tralkoxydim 1962
hypocotyls
cell walls
composition, pectins 9368
enzymes 1963
metabolism 9368
ultrastructure 9368
enzymes 7684
meristems, initiation 5077
in vitro culture
cadmium 5929
culture media 3372
explants 5092, 5929
growth regulators 4049, 5092
organogenesis 5929
regeneration 5929
somatic embryogenesis 5092
intercropping
Brassica juncea 1322
rape 9477
wheat 2063, 2671
irrigation 648, 1280
irrigation scheduling 3369, 5925
lodging 9364
metabolism
fatty acids 651, 6924
pectins 9368
polysaccharides 8502
mineral nutrition
calcium 9368
deficiency 5077
phosphorus, deficiency 5093
zinc, deficiency 5093
mineral uptake
cadmium 58, 5091, 5157
manganese 2607
nitrogen 649, 1381, 2666, 5924, 6090, 6165
phosphorus 2607, 6090, 9363
potassium 6090
sulfur 2607
zinc 649
multiple cropping 2059, 2669, 4358, 8624
rice 7010
sorghum 7010
soyabeans 5189, 6090, 7010
Vigna mungo 5189, 7010

Linum usitatissimum *cont.*
mycorrhizas 5093
vesicular arbuscular mycorrhizas 4266
pest control 647
phloem, cell walls, metabolism 8502
plant competition, weeds 1976, 6855, 8517
plant density 1279, 6860, 9364
models 9377
precipitation 2595
production possibilities
Australia, New South Wales 5135
Spain 6860
UK 6080
Scotland 5916
reclamation 9537
relay cropping, rice 1381-1382, 5220
retting 3370, 7682, 8499
reviews 647
root exudates, organic acids 7123
rotations 6964, 7818, 8624
fallow 6165
oats 7693
potatoes 7693
rye 7693
Vicia 7693
wheat 6165
salinity 4265
seed inoculation
Agrobacterium radiobacter 9363
Enterobacter aerogenes 9363
Flavobacterium 9363
Pseudomonas fluorescens 9363
Serratia 9363
seed production, Italy 9380
seedbed preparation 648
seedlings
cotyledons, enzymes 7685
growth 5928
hypocotyls, enzymes 7685
roots, enzymes 7685
seeds
composition
cadmium 58, 5926, 7016
fatty acids 6861
minerals 6861
oils 648, 1975, 5135, 5924, 6861, 7746
phytic acid 6862
polysaccharides 6861
proteins 5135, 5924, 6861
zinc 5926
development 6924
embryos
cuticle, fluorescence 7838
growth 7838
germination, salinity 4265
metabolism 6924
soil
boron 8500
phosphorus 6986
soil fertility 9537
soil inoculation
Glomus etunicatum 5093
Glomus macrocarpum 5093
Glomus mosseae 5093
soil types 58, 647
soil water content 5220, 6165
sowing date 1975, 9378
models 9377
sowing methods, broadcasting 648
sowing rates 1976, 2606, 6860
spacing 1278-1279, 1976, 2606, 5924, 8515
stress 5077
temperature 2595
translocation
cadmium 58
growth regulators 5928
sucrose 5928
water stress, growth stages 3369
weed control 647
manual weed control 1962
weeds
Chenopodium album 650
Setaria 650
yield correlations 9379
yields, prediction, models 3369
Lithuania, wheat, cultivars 8768

Lupinus
chemical composition, minerals 5800
cultivars, Argentina 4130
equipment, press wheels 4894
fertilizers
composts 7817
manures 6972
herbicides
acetochlor 463
imazethapyr 463
prometryn 463
sethoxydim 463
production possibilities, Argentina 4130
roots
composition
amino acids 465
lectins 465
rotations
barley 6972
fodder beet 6972
oats 6972
rye 6972
seeds
composition
amino acids 465
lectins 465
soil pH 3263
sowing methods 4894
weeds, *Elymus repens* 463
Lupinus albus
cells, cell membranes, binding sites 477
cultivars
Bulgaria 474
UK 1857
diseases, *Pleiochaeta setosa* 1861
drought resistance, cultivars 4146-4147
dry matter accumulation 2666
enzymes
acid phosphatase 9265
glucosidases 1861
nitrogenase 2468, 4137, 5795
oxidoreductases 4895
peroxidases 4132, 4895
phosphoenolpyruvate carboxylase 1863
sucrose synthase 2468
superoxide dismutase 2468
fertilizers, nitrogen 4148
flowering 9267
growth
books 2733
models 1181
growth regulators, gibberellins 1858
hypocotyls, enzymes 4132
in vitro culture, metabolism, polypeptides 3260
leaves
canopy 1184
enzymes 1861
leaf area 8414
light, interception 1184
maturity stage, models 5793
metabolism
alkaloids 4132
antioxidants 4895
ascorbic acid 4895, 5205
flavonoids 4133
lactones 5205
polypeptides 3260
mineral nutrition
boron 7586
cadmium, toxicity 9264
iron
deficiency 9268
foliar diagnosis 9268
nitrogen 1868
sources 3260
phosphorus, deficiency 1862-1863
mineral uptake, nitrogen 1868, 2666
nitrogen balance 4365
nitrogen fixation 1868, 2468, 4148, 5795
nodulation 4148, 7585, 9269
pH 4148
phloem, nitrogen 4137
plant density 461
plant development, models 1183
plant height 1184
production possibilities, UK 1857
reviews 9263
root exudates
amino acids 9264

***Lupinus albus** cont.*
root exudates *cont.*
citric acid 1862
isoflavones 7587
malic acid 1862
organic acids 1863
root inoculation
Rhizobium 2469
Rhizobium leguminosarum 4148
root nodules
composition
glycoproteins 5795
proteins 2468
starch 2468
sucrose 2468
development 5795, 7591
diffusion, oxygen 4137
enzymes 5795
ultrastructure 7591
techniques 7591
root shoot ratio 8414
roots
composition
amino acids 9264
glycoproteins 4896
lectins 3261
enzymes 1863, 9265
growth 1858
length 8414
metabolism
carbon 1862
isoflavones 7587
organic acids 1863
rotations 2670
maize 7894
Pennisetum glaucum 7894
soyabeans 7894
salinity 2468
seed inoculation
Rhizobium, strains 9269
Rhizobium lupini 1868
seed treatment
chitosan 7585
growth regulators 1858
seedlings
composition
lectins 3261
quinolizidine alkaloids 3262
emergence 1858
enzymes 4895
growth 4895
metabolism 4895
seeds
composition
carbohydrates 1858, 2467
fats 1858
globulins 7590
glycosides 476
manganese 6742
zinc 6742
filling 9267
germination, water stress 4146
maturation 2467
size 1858
temperature 2467
shoots, composition, nitrogen 4148
soil amendments, lime 9268
soil inoculation, *Rhizobium lupini* 1868
soil pH 9268
sowing date 461
sowing rates 461
translocation
boron 7586
nitrogen 4137
transpiration 8414
water uptake 8414
winter kill, sowing date 461
yield forecasting, models 1181
Lupinus angustifolius
cultivars
Kalya 6732
Myallie 6733
Wonga 6731
diseases, *Pleiochaeta setosa* 1861
drought resistance, cultivars 4146-4147
enzymes, glucosidases 1861
fertilizers
boron 2466
molybdenum
application methods 2466
foliar application 2466

***Lupinus angustifolius** cont.*
fertilizers *cont.*
nitrogen 462, 2466, 4148
phosphorus 2466
application methods 1180
potassium 2466
field experimentation, experimental design 9273
flowering, flowering date 5791
growth, books 2733
growth regulators, benzyladenine 4131
herbicides
clomazone 1860
imazethapyr 1860
metamitron 1860
metribuzin 1860
leaves
development 5791
enzymes 1861
mineral nutrition
calcium 5790
iron
deficiency 9268
foliar diagnosis 9268
nitrogen 462, 464
deficiency 5791
sulfur 5790
nitrogen balance 4365, 9281
nitrogen fixation 4148, 6734, 9281
nodulation 4148, 7585
pH 4148
pods
growth 1864
set 4131
root exudates, protons 467
root inoculation, *Rhizobium leguminosarum* 4148
roots
cell membranes, permeability 467
composition, nitrogen 462
growth, pH 467
rotations 6964
wheat 462
seed inoculation, *Bradyrhizobium* 9281
seed treatment
chitosan 7585
molybdenum 2466
seeds
composition
alkaloids, isolation 4135
globulins 7590
manganese 6742
nitrogen 2466
phosphorus 2466
potassium 2466
proteins 2466, 4136
saponins 5794
zinc 6742
filling 1864
germination, water stress 4146
shoots, composition, nitrogen 4148
soil, phosphorus 1180
soil amendments
gypsum 5790
lime 9268
soil pH 9268
translocation, nitrogen 464
water stress 1864, 4131
***Lupinus arboreus*, seeds, composition, globulins 7590**
***Lupinus atlanticus*, seeds, composition, alkaloids, isolation 4135**
Lupinus luteus
chemical composition
calcium 9275
magnesium 9275
nitrogen 9275
phosphorus 9275
potassium 9275
chloroplasts, thylakoids 1182
companion crops 3473
desiccants
dimethipin 1859
diquat 1859
glyphosate 1859
enzymes
adenosinetriphosphatase 1182, 1866
RNA polymerase 1182
fertilizers
boron 6730
copper 5803

***Lupinus luteus** cont.*
fertilizers *cont.*
molybdenum 6730
phosphorus 6730
potassium 6730
field experimentation, experimental design 9273
growth, books 2733
growth regulators
abscisic acid 1182
benzyladenine 1182
gibberellins 1858
herbicides
clomazone 1860
imazethapyr 1860
metamitron 1860
metribuzin 1860
metabolism
pigments 1182
proteins 1182
mineral nutrition
copper 5803
iron
deficiency 9268
foliar diagnosis 9268
nitrogen 468, 1868
mineral uptake, nitrogen 1868
nitrogen fixation 478, 1867-1868
nodulation 478
Bradyrhizobium 468, 1867
mineral nutrition 468, 5803
photosynthesis, light intensity 1182
root nodules
anatomy 1867
cell membranes
enzymes 1866
membrane potential 1866
proton pump 1866
composition, leghaemoglobin 1865
growth 1867
roots
composition, lectins 466
growth 1858
metabolism, lectins 468
seed inoculation, *Rhizobium lupini* 1868
seed treatment
growth regulators 1858
molybdenum 6730
seedlings
composition
cyclitols 7588
oligosaccharides 7588
cotyledons
enzymes 1182
growth regulators 1182
metabolism 1182
desiccation, tolerance 7588
emergence 1858
seeds
composition
cadmium 3473
carbohydrates 1858, 4142
copper 3473
cyclitols 7588
fats 1858
globulins 7590
lead 3473
lectins 466
manganese 6742
nickel 3473
oligosaccharides 7588-7589
sugars 4142, 7589
zinc 3473, 6742
desiccation 7589
tolerance 7588
development 4142
germination 1859
fertilizers 6730
maturity stage 7589
seed treatment 6730
water relations 7588
maturation 7589
water relations 7588
moisture content 9266
size 1858
temperature 9266
soil amendments, lime 9268, 9275
soil inoculation, *Rhizobium lupini* 1868
soil pH 9268, 9275

***Lupinus luteus** cont.*
straw
composition
cadmium 3473
copper 3473
lead 3473
nickel 3473
zinc 3473
Lupinus mutabilis
enzymes
glutamate-ammonia ligase 5792
nitrogenase 5792
phosphoenolpyruvate carboxylase 5792
growth analysis 4134
harvest index 4134
mineral nutrition, nitrogen 5792
nitrogen fixation, mineral nutrition 5792
nodulation, mineral nutrition 5792
nodules, enzymes 5792
sowing rates 4134
Lupinus pilosus
fertilizers, nitrogen 4148
nitrogen fixation 4148
nodulation 4148
pH 4148
root exudates, protons 467
root inoculation, *Rhizobium leguminosarum* 4148
roots
cell membranes, permeability 467
growth, pH 467
seeds, composition, globulins 7590
shoots, composition, nitrogen 4148
Macrotyloma geocarpum
seeds
maturation 6740
moisture content 6740
Macrotyloma uniflorum
cultivars
India 471
Maharashtra 472
Deenanath 8419
DFH1 8419
dry matter accumulation 471
enzymes, IAA oxidase 5799
growth, growth rate 9271
growth analysis 472
growth regulators
benzyladenine 1870
coconut milk 1870
2,4-D 1870
IAA 1870, 5799
kinetin 1870
NAA 1870
harvest index 471, 9271
in vitro culture
explants 1870
growth regulators 1870
leaf area index 472, 9271
leaves
composition, tryptophan 5799
enzymes 5799
stomatal resistance 2472
water potential 2472
metabolism, growth regulators 5799
mineral nutrition, phosphorus, deficiency 2472, 5799
mineral uptake
aluminium 9538
calcium 2472
iron 9538
manganese 9538
multiple cropping 2669
photosynthesis, net assimilation rate 9271
seeds
anatomy 2481
colour 4138
density 4138
germination 4138
testas 2481
soil amendments, lime 9538
soil pH 9538
translocation, calcium 2472
yield correlations 472
Madia sativa
production possibilities
Italy 9430
Mediterranean region 9430
seeds, composition, oils 9430
Maize (*see also* Sweetcorn)

Maize *cont.*
absorption, ammonia 2918
accumulation
copper 2256
herbicides 7256
agricultural meteorology 2877, 3807, 7852
models 956, 3806
agroforestry 2883, 5191, 8021, 8385
Kenya 156
Zambia 2878
air pollution
ammonia 2918
carbon dioxide 7878
exhaust gases 7301
heavy metals 5214
ozone 2949, 5363
allelopathy 8676, 9499
Eucalyptus 4410
legumes 2268
reviews 6405
trees 2697
Trifolium pratense 2253
wheat 8677
alley cropping
Cajanus cajan 1586, 8622
Calliandra calothyrsus 8021
Cassia siamea 156, 902, 1583, 7532, 8021
Eucalyptus camaldulensis 1583
Eucalyptus tereticornis 1583
Gliricidia sepium 8021
Leucaena collinsii 8021
Leucaena diversifolia 1582
Leucaena leucocephala 155, 902, 1583-1587, 2712, 5425, 8021
Parkia biglobosa 1583
Populus 1368
Prosopis chilensis 1583
Senna spectabilis 8021
Sesbania grandiflora 8021
Sesbania sesban 8021
Vitellaria paradoxa 1583
altitude 8088
anoxia 955, 4754, 5478, 7307
apical meristems, development 3779
atmospheric pressure 2693
biomass production 2883, 9085
Slovakia 910
burning 8024
carbon dioxide 8060
carbon dioxide enrichment 947, 2269, 2695, 2952, 3071, 4633, 4866, 5101, 5363
determination 3073
models 7878
catch crops 1588, 2062, 5801
fodder crops 154
cells
cell division 4423
cell membranes
plasmodesmata, electrical properties, measurement 223
proteins 3658
cell walls, composition, carbohydrates 958
cold injury 4423
enzymes 2917
ion transport, iron, reviews 7266
membranes, permeability 7291
microsomes, metabolism 3767
mitochondria 5457
membranes 2939
metabolism 1640
osmoregulation 2915
plasma membranes, enzymes 955, 2930
ultrastructure 4423
vacuoles, pH 5478
chemical composition 7887
acetylcholine 749
allelopathins, reviews 1048
amino acids 5193, 8924
anions 3785
anthocyanins 6396
ascorbic acid 2944
cadmium 1532, 3495, 3504, 3805
calcium 4425, 5440, 6362, 6372, 6404, 8082
calmodulin 8082
carotenes 2944

Maize *cont.*
chemical composition *cont.*
carotenoids 2267
cations 3785
chlorine 8908
chlorophyll 2267, 2944, 7291, 8080
chromium 1417, 3495
copper 3495, 3746
crude protein 8029
dry matter 4591
elements 3496
glutathione 2944
heat shock proteins, determination 1413
heavy metals 5214, 7819
herbicide residues, determination 1660
iron 3746
lead 1532, 3495, 3504, 7245-7246
lignin 2248
determination 3768
magnesium 6362
manganese 3746
mercury 3504
minerals 1618
nickel 3765, 8924
nitrates 9324
nitrogen 2233, 2881, 4583, 4601, 5131, 5193, 5455, 5462, 7082, 8880
determination 2934
phenolic compounds 2248
phosphorus 2881, 2953, 4583, 4601, 4636, 7082
potassium 2881, 4425, 4583, 4601, 4636, 7082, 8908
proline 8062
proteins 3805, 4601, 8080
sodium 4425, 6404, 8908
starch 2480
strontium 1417
sugars 2267, 5193, 8924
sulfates 8908
thallium 1532
α-tocopherol 2944
trace elements 5215
zinc 3746, 6362, 7245-7246
chilling 5486, 8083
chilling injury 8084
chlorophyll, fluorescence 1636, 1654, 2260, 2266, 4628, 6366, 7261, 7265, 8086, 8686, 8943
chloroplasts
development 947
fluorescence 1636
membranes, lipids 8943
metabolism, fatty acids 2913
proteins, phosphorylation 1636
thylakoids 752
ultrastructure 927
ultrastructure 752
climatic change 3543, 3806
China 229
models 2270, 3806, 5239-5240, 7302, 7878, 8948, 9562
USA 2269
Zimbabwe 2270
cold hardening 5219
cold injury 2266, 6372
reviews 4423
cold resistance 2179, 2265, 2945-2946, 4630, 5486, 8084-8085, 8943
drought 228
cold shock 2261
coleoptiles
cell membranes
electric potential 942
enzymes 942
ion transport 942
metabolism 942
plasma membranes 942
proton pump 942
cell walls 6392
composition, lignin 5475
enzymes 3791
growth 4621
growth regulators 4621
metabolism 3791, 4621
polysaccharides 5463
pH 4621, 8066
composition, lectins 7292

Maize *cont.*
coleoptiles *cont.*
enzymes 937, 2930
epidermis, microtubules, orientation 4624
growth 216, 3791, 4620, 5458, 6392, 8077
growth regulators 937, 3781, 4620, 4624, 5458, 8066
ion transport 937, 5458
light 8077
mechanical stress 4624
membranes, binding sites 8065
metabolism 4620, 8066
pH 4620
plasma membranes, binding sites 5471
tropisms 4624
gravitropism 1047
phototropism 946, 2255
continuous cropping 178, 1597-1598, 2884, 3723, 3785, 5444, 6079, 7210, 8879, 8882, 8887
cover crops 157
Avena nuda 2882
Festuca arundinacea 4582
Festuca rubra 4582
grasses 2910
Lathyrus hirsutus 7801
Lathyrus sativus 2882
legumes 2910, 7252
Lolium multiflorum 4582, 7801
Lolium perenne 4582
Lupinus angustifolius 2882
Mucuna pruriens 1590
peas 2882
rye 167, 4589, 6079, 7801, 8880-8881
Vicia faba 2882
Vicia villosa 2887, 7801, 8880-8881
crop husbandry 2877, 3918, 7887
Brazil 2057
Kenya 1579
models 1579, 2739
crop production 7887
Argentina 3543
China, Beijing 8019
energy requirements 2231
models 229
USA, Arkansas 3545
crop residues 909, 8027
removal 1592, 6340
cropping systems 2067, 6079, 7230
shifting cultivation 4581
strip cropping 3477, 5421, 6971
cultivars 152, 3724
Argentina 197
Belarus 920
Bolivia 2903-2905
Brazil, Espirito Santo 5449
Bulgaria 1620
Canada 3754
Prince Edward Island 5427
Quebec 7221
China
Beijing 6364
Guangxi 194
Croatia 2902
Denmark 9500
Ecuador 2892
Egypt 1605
Ethiopia 3752, 3755
France 2901
genotype environment interaction 7250
Hungary 2877
India, Uttar Pradesh 1345
Italy 3753, 5441, 5450-5451, 8045
Nepal 8044
Netherlands 4591, 7253
Romania 193, 3751
Russia 2237, 2900
Turkey 8895
USA, Georgia 5448
ICA Sikuani V110 2908
Knezha-570 195
Knezha-666 196
Knezha Zp678 1621
KS85 7248
Ksheeramrutha 8046
Mairana-45 2909

Maize *cont.*
cultivars *cont.*
Paras 8915
Pearl Popcorn 1622
RIK301MV 2906
Volasoa 7249
Yuyu-20 5452
ZPSK704 2907
ZPTK196 2907
cultivation 167, 4612
animal power 8026, 8105
chiselling 159, 905-906, 1591, 1593, 2885-2886, 5427, 7214, 7216, 8885, 8887, 9488
conservation tillage 160, 2069, 6079
crop residues, incorporation 325, 7236, 7239, 8024
date 5426, 7392
deep tillage 2672, 7216-7217
depth 158, 1594, 3725, 4371, 5426, 7208, 7214
discing 905-906, 1591, 2886, 4371, 6079, 6405, 8627, 8885, 9488
earthing-up 7219
harrowing 4585, 8627
human power 8105
interrow cultivation 4606
labour requirements 8026, 8105
loosening 4586, 7214, 8885
mechanization 2067
methods 2068, 7208, 7392
minimum tillage 905, 1592-1594, 3472, 4371, 7217, 7802, 8627
no-tillage 158-159, 325, 722, 905-906, 1591-1593, 2069, 2672, 2886-2888, 2898, 2941, 3480, 3726, 4371, 4373, 4587, 5427, 5445, 5608, 6079, 6339-6340, 6405, 7218, 7252, 7802, 8027, 8887
reviews 9489
ploughing 158-159, 904, 906, 1591-1593, 1597-1598, 3472, 3725-3726, 4370-4371, 4585, 5427, 6405, 7214-7215, 8025, 8027, 8627, 8885, 8887, 9488
raised beds 3724
ridging 159, 1597-1598, 3480, 3724, 4585, 5427, 5438, 7213, 8886, 9488
ripping 8886
rotary cultivation 904, 3725, 7218, 8025
straw incorporation 8896
subsoiling 906, 7215, 8213
desiccants, paraquat 5434
diseases 4442, 7795
Aspergillus flavus, control 2111
Penicillium citrinum 2254
drainage water, nitrates 8022
drought 219
cultivars 2877
models 3795
drought resistance 104, 931, 2904, 2946, 3797, 5485, 7288
cultivars 949
dry matter accumulation 2233
models 6391
dry matter distribution 7265
temperature 4629
ears
development 1648
morphology 2936
prolificacy 7286
earthworms 7273
ecology 7887
energy relations 3539, 7008, 7799
Slovakia 910
energy requirements 9474
energy sources 7768
enzymes
acetolactate synthase 8919
acetyl-CoA carboxylase 2913, 2922
acetylcholinesterase 6386
acid phosphatase 2930, 6375, 8080
acyltransferases 8068
adenosinetriphosphatase 208-209, 937, 942, 955, 2240, 2263, 2919, 3769, 5465, 5467, 5478, 8080
alanine aminotransferase 8080

Maize *cont.*
enzymes *cont.*
alcohol dehydrogenase 2693
alkaline phosphatase 6375
alkyl (aryl) transferases 7282
amine oxidoreductases 207
aminotransferases 3776
ammonia-lyases 3791
amylases 161-162, 2889, 3776, 8087, 8099
arginase 5480
ascorbate oxidase 161
aspartate aminotransferase 8080
aspartate-ammonia ligase 930
carbonate dehydratase 3793
carboxy-lyases 7278
catalase 2248, 2945, 3792, 4626, 7291, 8082, 8085
catechol oxidase 2248
cellulase 1656, 3803
chlorophyllase 7300
DNA polymerase 2246, 6380
endopeptidases 2249
esterases 5479
β-fructofuranosidase 2687, 2927, 4754, 5484
fructose-bisphosphatase 8083
glucose-6-phosphate dehydrogenase 2243, 2693
glutamate-ammonia ligase 928, 930, 4611
glutamate dehydrogenase 2243, 6384
glutathione reductase (NAD(P)H) 2945, 4630, 8059, 8073, 8084-8085
glutathione synthase 4630
glutathione transferase 2911, 4615, 7260
glyceraldehyde-3-phosphate dehydrogenase 2693
glycogen (starch) synthase 1643
glycosyltransferases 2940
hexosyltransferases 211, 1643, 2247, 2933, 4614, 5484, 6241, 6382-6383
IAA oxidase 2248, 8069
inhibitors 210, 5205, 5467, 6382
isocitrate dehydrogenase 2243, 2693
isomerases 8058
maize 6381
kinases 954, 7279, 8067
maize 6381
lactate dehydrogenase 2923
ligases 210, 4630, 8057
lipoxygenase 6387
lyases 3803
malate dehydrogenase 224, 2693, 5479, 8083
maize 6381
malic enzyme 224, 1644, 1646, 2243, 6385, 7262
maize 6381
NADH dehydrogenase 5457
nitrate reductase 190, 211, 930, 934, 1645, 4611, 4630, 6241, 6384, 7254, 7271, 7273, 7300, 8052, 8055, 8075, 8923
nitrite reductase 8055, 8075
nucleotidyltransferases 1641, 1643
ornithine decarboxylase 5480, 7278
oxidoreductases 213, 2240, 2920-2921, 3221, 3803, 5205, 5464, 8058, 8060, 8073, 8085
oxygenases 5466
peroxidases 162, 2243, 2248, 2945, 3767, 3777, 3791-3792, 4615, 5466, 5468, 7288, 7291, 8059, 8069, 8073, 8082, 8084-8085
phenylalanine ammonia-lyase 3770, 3791, 5466, 8069
phosphoenolpyruvate carboxylase 224-225, 947, 2262, 2693, 2917, 2933, 3793, 5460, 6241, 6526, 7262, 8067, 8073
purification, techniques 3771
phosphoprotein phosphatase 211
phosphoric monoester hydrolases 1656, 5464
phytase 3772
polygalacturonase 8950

Maize *cont.*
enzymes *cont.*
protein kinase 942, 1642, 1656, 3796, 4415
proteinases 212, 2945, 6384
ribulose-bisphosphate carboxylase 947, 2262, 2933, 3793, 4616, 7262, 8067, 8073, 8083
maize 6381
RNA polymerase 888
serine proteinases 2249
succinate dehydrogenase 6363
sucrose synthase 214, 1642, 4754, 8099
superoxide dismutase 3792, 4626, 5486, 7288, 8073, 8082, 8084-8085
transferases 4630
triacylglycerol lipase 3776
equipment
chisel ploughs 2885
seed drills 3480
seed treatment, fungicides 718
erosion 8839
establishment 4589
undersowing 7392
evaporation 2264
models 2942
evapotranspiration 168, 2943, 6388, 9520
estimation 7304
measurement 2924
mineral nutrition 927
models 557
farm inputs 9474
farming systems
alternative farming 7795
dry farming 6339, 8020
energy relations 3539
integrated systems 3472
organic farming 3472, 3504
sustainability 3155, 4584
traditional farming 3504
fertilizers 152, 3723
ash 190, 5446
biogas slurry 3494, 4598, 6363
boron 4376, 8894
foliar application 724
brown coal 7243
cadmium 3746
cattle manure 5443
cattle slurry 7238
application methods 8909
composts 190, 1617, 1619, 4600, 4602, 6101, 6358, 6363, 6988, 7242, 7479, 7817, 7819, 8913-8914
crop residues 191, 2235, 3088, 4601, 5425, 5733, 6377, 7240
factory effluents 8914
farmyard manure 188-189, 2234, 2236, 2359, 2674, 3472, 3492, 3495-3496, 3749, 4377, 4598, 4601, 5185, 6181, 7208, 7214, 7217, 7234, 7240, 7298, 8042, 8885, 8904, 8906, 8912, 9539
residual effects 2360, 6353
use efficiency 7815
fly ash 7243
foliar application 3748, 4375, 8904
hair 3495-3496
humates 1617
iron
application methods 3745
sources 3745
liquid fertilizers 6988
magnesium 1615, 1618, 5131, 8908, 9494
manganese 3747, 5433
manures 2766, 7230, 8635, 8911
residual effects 916
use efficiency 8910
models 3736
molybdenum 4376, 8354
foliar application 724
nickel 3746
nitrogen 17, 153, 175-176, 184, 188, 190, 231, 903, 1255, 1470, 1580, 1584-1585, 1587, 1597-1598, 1603, 1610, 1614-1615, 1617, 1652, 2228, 2234, 2360, 2674, 2882, 2891-2892, 2896-2897, 2943, 3494-3496, 3689, 3726, 3733, 3741, 3746, 4212, 4583, 4585, 4594-4596, 4611, 4635, 4640, 5196, 5421, 5430, 5433, 5435, 5438, 5440-5441, 5444, 5461, 5492, 6079, 6181, 6342-6343, 6345-6346, 6350-6351, 6355-6358, 6988, 7082, 7209, 7212, 7214, 7219, 7224, 7228-7230, 7233-7234, 7238, 7274, 7299, 7392, 7923, 7926, 8027, 8033-8034, 8036, 8354, 8635, 8880, 8894-8896, 8898-8899, 8904, 8907-8908, 8917, 8949, 8992-8993, 9324, 9494
application date 1605, 3590, 5454, 5608, 6348, 7208, 7226-7227, 8743, 8891, 8897
application methods 172, 185, 911, 1608-1609, 2233, 3738, 5287, 5462, 5608, 6349, 6352, 7208, 7226, 8897, 8900-8901
foliar application 8905
requirements 177, 179, 181-182, 1616, 2232, 3737, 3808, 5439, 6347, 8035, 8881
determination 1606-1607
residual effects 180, 4597, 5425
reviews 722
sources 1608-1609, 5196, 5608, 6361, 7227, 7231, 8897, 8901-8902, 9497
use efficiency 178, 183, 774, 911, 1617, 2888, 3493, 3738, 3748, 4373, 5425, 5462, 5491, 5608, 6349, 6988, 7231, 7815, 8900, 8910
measurement 8956
NPK fertilizers 189, 724, 1586, 1591, 1593-1594, 2712, 2766, 2898, 3472, 3492, 3739, 3742-3744, 4375, 4600, 4603, 5131, 5185, 5426, 5444-5445, 6181, 6359, 7241, 7244, 7793, 8024, 8904, 8906
application methods 164, 8039
organic fertilizers 2235, 3747, 3749, 4377, 4603, 5196, 5446, 6989, 8885, 9095
phosphorus 188, 190, 723, 912, 914, 1044, 1470, 1580, 1584, 1612-1613, 1615, 1617, 1652, 2234, 2359-2360, 2674, 2891, 2896, 2953, 3494-3496, 3689, 3726, 3741, 4212, 4583, 4601, 5443, 6181, 6342, 6354-6358, 6407, 7082, 7214, 7218, 7232-7235, 7244, 7299, 7392, 7811, 7923, 7926, 8095, 8894, 8904, 8908, 8992, 9494
application date 7208
application methods 5442, 6360, 7208, 8902
models 3489
requirements 1616, 8632
residual effects 977, 1585, 6353, 8635, 8993
sources 186-187, 913, 977, 1611, 4598, 8902-8903, 9492
use efficiency 774, 3493, 7815, 8910, 8993
pig slurry 3493
potassium 188, 1470, 1580, 1614-1615, 1617, 1652, 2234, 2674, 2891, 2896, 3279, 3494-3496, 3689, 4583, 6181, 6356-6358, 7234, 7244, 7392, 8037-8038, 8635, 8894, 8904, 8908, 8992-8993, 9494
application date 7208
application methods 7208
requirements 1616
use efficiency 774, 7815
poultry manure 189-190, 1617, 6351, 6357, 7241, 7926, 8040, 9497
refuse compost 960
requirements 1637, 9490
residual effects 4601
rice bran 5196
rice straw 5196
seaweeds 8636
sewage effluent 8908
sewage sludge 727, 729, 917, 2256, 3750, 4377, 5131, 6988, 7819
slow release fertilizers 4599, 8032
slurries 4377
straw 9539
sugar factory waste 7820
sulfur 1618, 2234, 4376, 4595
residual effects 3088
sources 3088, 6360
tannery sludge 3495-3496
trace elements 4375
foliar application 8905
zinc 1618, 2234, 2896, 3747, 4599, 5433, 6362, 7232, 7234-7235, 7811
application methods 5461
foliar application 724, 915, 5461
requirements 2899, 5461
sources 6361
use efficiency 7815
field experimentation
experimental design 7154
plot size 3062
statistical analysis 3062
flooding 2940, 5483, 7307
flowers, development 1648, 7287
frost 163
frost resistance 5219
fungicides
benomyl 7286
propiconazole 2359
triadimenol 7286
gene expression, mineral nutrition 7281, 8075
grain
abortion 2927, 6393
accumulation, oils 2935
composition
cadmium 7021
calcium 5440
carbohydrates 2234, 2935
carotenoids 8939
copper 7021
glucose 943
heavy metals 1619
lead 7021
lysine 3744
determination, techniques 3926
nitrates 190
nitrogen 903, 3744, 4596, 5425, 5491, 6361
oils 2935-2936
phenols 2234
phosphorus 3744
potassium 3744
proteins 903, 930, 1588, 2234, 3744, 4635, 7212
starch 943, 2234, 3744
sucrose 943
sugars 2234
zinc 7021
development 6382
endosperm, plasma membranes, enzymes 214
enzymes 2927, 6382, 8099
filling 2083, 6369
growth regulators 2927
harvesting, damage 174
maturation 3734
maturity 5434
mechanical properties 4623
metabolism
proteins 8099
starch 8099
sugars 8099
moisture content 174, 4623, 5434, 8627
quality 2234, 3744, 8031
shelling, damage 174
storage 8959
diseases 2111
weight 3734, 3744

Maize *cont.*
gravity 8935
green manures
Calliandra calothyrsus 2235
Crotalaria 1594
Gliricidia sepium 2235
Lantana camara 7217
Leucaena leucocephala 155, 1584-1585, 1587, 2235
Medicago sativa 916
Mucuna 2054
Mucuna pruriens 8907
peas 7394
Peltophorum pterocarpum 2235
Vigna unguiculata 7793
greening 947
growth 2265, 7887
bacteria 2253
carbon dioxide 4633
growth period 8948
growth stages 3798
light intensity 5482
models 6078
nutrition 6373
temperature 1653
water stress 8062
growth analysis 1618, 4583, 8938
growth regulators
abscisic acid 104, 201, 218-219, 225, 937, 950, 2927, 2932-2933, 2946, 3782, 4619, 5472-5474, 6394, 7257, 8063, 8068, 8081, 8932-8933
binding sites 1649, 2928, 3787
reviews 7289
ACC 943, 2179
Agrispon 3748
Agrofil 3748
Agrostemin 1617
auxins 216, 2919, 2931, 4621, 5458, 8936
binding sites 3781, 5471, 7290, 8065
reviews 938, 941
benzolinon 1596
benzyladenine 225, 928, 2252, 4619, 4626, 8086, 8888
brassinolide 5486
chlormequat 2359
cytokinins 4626, 7257
binding sites 3780
2,4-D 936, 2931, 5053
ethephon 2359, 5435-5436
ethylene 943, 1656, 2940, 3071, 3803, 6393, 8060
detection 7307
formononetin 7303
fusicoccin 940, 4620-4621, 8667
binding sites 939
gibberellins 935, 2927, 2929, 7257, 8888
growth inhibitors 221, 934, 5053
growth retardants 3735
IAA 220, 935, 942, 2927, 2930, 2932, 2938, 4620, 4624, 8066, 8069, 8888, 8932
IBA 8952
jasmonic acid 8932
kinetin 2929
Lactofol 3748
linolenic acid 4619
methyl jasmonate 928, 4619
metribuzin 5053
NAA 2252, 2931
binding sites 3781
naphthylphthalamic acid 2931
nitric oxide 8931
paclobutrazol 162, 3735, 6345, 8084
phenolic compounds 2248
pyrenoylbenzoic acid 2931
spermidine 7288, 8067
spermine 8067
tetcyclacis 934
TIBA 2931
uniconazole 1603
zeatin, binding proteins 888
zeatin riboside 2927
hail damage 9093
harvest index 2877, 5438, 7221
harvesting 909
harvesting date 2230, 3734, 8029

Maize *cont.*
harvesting *cont.*
harvesting losses 8959
mechanical damage 8031
heat resistance 6402
cultivars 949
enzymes 8082
seed treatment 8082
heat shock 6402
heat stress 949, 2262, 7137
heat sums 1591
herbicides 1624
acetochlor 4603
cultivars 3759
alachlor 200, 763, 921, 1624, 4605, 7260, 8047
ametryn 7252
anilofos 921, 7869
application methods 2887
atrazine 198-200, 763, 921-922, 1624, 1628-1629, 2888, 2911, 3757, 4603, 4605, 5455, 7252, 7255-7256, 7260
Bay foe 5043 2109
bentazone 1624
bromoxynil 1624
butachlor 921
butylate 763, 1624
cultivars 3759
chlorsulfuron 8919
cyanazine 199, 4605
2,4-D 922, 1624, 2359, 763, 4605
damage 1623
dicamba 763, 1624, 2359, 4605
dimethenamid 1624
EPTC 200, 1624
F8426 1623
fluazifop 2913
fluazifop-P 7257
fluchloralin 1845
fluorodifen 7260
glyphosate 921-922, 5228
halosulfuron 8920
imazamethabenz 766
imazapyr 1660
imazaquin 8918-8919
imazethapyr 766
lenacil 8050
linuron 1624
metobromuron 1624
metolachlor 200, 763, 921, 1624, 1845, 3757, 4603, 4605, 7252, 7260, 8047
metribuzin 763, 1628
nicosulfuron 991, 1624-1625, 4608, 7868, 8048, 8916
nontarget effects 7869
oxyfluorfen 200, 922
paraquat 7259
pendimethalin 200, 921-922, 1845, 7869
potassium chlorate 7254
primisulfuron 8048
prometryn 763
prosulfuron 3069
pyridate 1624
quinclorac 2912
quizalofop 2913
residual effects 9115
rimsulfuron 1625, 1627, 7868
safeners 1624, 2238-2239, 7260
sethoxydim 2913
toxicity 766, 921, 5228, 7257
triazine herbicides 3758
trifluralin 7258
hydrogen ions, toxicity 4617
hydroponics 3051
hypoxia 955, 1656
in vitro culture
carbon dioxide enrichment 947
culture media 947
embryo culture 936
enzymes 947, 5468, 5479-5480, 7282, 8075
greening 947
growth regulators 936, 6394
meristems 3779
metabolic inhibitors 5480
metabolism 947, 5488
herbicides, safeners 2238-2239
micropropagation 3517

Maize *cont.*
in vitro culture *cont.*
mineral nutrition 8075
organogenesis 5479
regeneration 936, 5468, 5480
salinity 5488
inflorescences
damage 5437
development 8070
inoculation
Glomus diaphanum 8953-8954
Glomus etunicatum 8953-8954
Glomus intraradices 8953-8954
insecticides
carbofuran 923, 8028
carbosulfan 923
cyfluthrin 6378
deltamethrin 2359
thiodicarb 923
intercropping 7796
Cajanus cajan 1845, 7794, 9486
Canavalia ensiformis 2228
cassava 1589, 4363, 4583
cotton 6967
Crotalaria juncea 3471
Curcuma longa 5422
Cyamopsis tetragonoloba 3471
Dioscorea rotundata 591
Eucalyptus tereticornis 5186
groundnuts 8023
onions 5422
Phaseolus vulgaris 2897, 5424, 6965, 8354
potatoes 493, 7222
Sesbania aculeata 3471
soyabeans 5423, 7209, 7212, 8251, 8883
sugarcane 1345
Vigna mungo 3471, 7794
Vigna radiata 3471, 7794
Vigna unguiculata 2880, 3471, 7794
irradiation, ultraviolet radiation 759, 2271, 4639, 5101
irrigation 152, 183-184, 741, 1580, 1597-1598, 2672, 2877, 2879, 2886, 3483, 5426, 5433, 5445, 5449, 6344, 6346, 6989, 7208, 7216, 7275
computer software 7804
electrolysis 1600
fertigation 172, 2233, 7223, 7226
models 4640
furrow irrigation 1599
growth stages 5436, 6400
irrigation requirements 168, 719, 1601-1602, 3733, 5440, 6094, 6399, 7223, 7225, 8892
irrigation scheduling 170, 249, 3732, 6351, 7209, 7222, 7224-7225
irrigation water 4612
microirrigation 3482
models 2893, 8030, 8893
saline water 1657
sprinkler irrigation 173, 1599, 2893, 9352
subsurface irrigation 7806, 8894, 9352
trickle irrigation 170-173, 932, 1599, 8892, 9352
waste water 169, 917, 2894, 6095, 7805
water quality 1600
weather 8030
land evaluation, Burundi 769
leaf area index 5491
models 2251
leaves
accumulation, ammonium 928
canopy 6388
aerodynamic properties 3680
development 4590
heat flow 230
reflectance 3808
temperature 6344
cation exchange capacity 6356
cell membranes, electric potential 2263
cell walls 3778
composition
amino acids 7257
antioxidants 8073
calcium 6356

Maize *cont.*
leaves *cont.*
composition *cont.*
carbohydrates 6363
carotenoids 2271, 5470, 7257
cerebrosides 6119
chlorophyll 176, 179, 190, 2259, 2271, 4389, 5101, 5431, 5470, 7257, 7300, 8067, 8924-8925, 8938
determination 2682
dry matter 2259
elements 8926
fatty acids 2263
flavonoids 2271, 5456
glucose 2933
heavy metals 6869
iron 8925
magnesium 6356, 8041
manganese 8041
minerals 4389
nitrogen 176, 5491, 8897, 8938
nucleic acids 5470, 7300
phenolic compounds 5456, 7257
phosphorus 1612, 8074
potassium 6356
proteins 1394, 5219, 5470, 7300, 8067, 8925
sphingolipids 6119
starch 1638, 2933
sucrose 2933
zinc 1612, 2899, 8074
damage, burial 953
development 217, 2926, 7287
electric potential 4625
enzymes 190, 211, 928, 930, 1642, 2247, 2262-2263, 2687, 2922, 4616, 4630, 5484, 6363, 6381, 8059-8060, 8067
flag leaf
composition
chlorophyll 6345
nitrogen 6345
phosphorus 6345
greening 7300, 8086
growth 3778, 4866
growth regulators 8081
light 2264
temperature 2264
water relations 2264, 8081
growth regulators 7257, 8067
leaf area 5431
estimation 8686
measurement 3789
light 5431
absorption 2259
reflectance 2259
transmittance 2259
metabolism 211, 1642, 2918, 4619, 5219, 8086
fatty acids 2263
growth regulators 5472-5473
heat shock proteins 949
proteins 1394
sucrose 2247
mineral uptake, heavy metals 6869
orientation, models 933
pH 2918, 6356
removal 3782
senescence 928, 953, 4610, 4619
spectral data 4389, 6344
stomatal movement 218, 7289
water stress 950
stomatal resistance 201, 2271, 2695, 3793, 4631, 4866, 5186, 5474, 5484
temperature 4625, 5186
translocation, growth regulators 5472
uptake, betaine 7387
water content 4426, 5484, 6344
water potential 225, 1635, 4426, 4866, 5472-5473, 8652
xylem, pH 5472-5473
light 2264
blue light 2255, 2834, 4624, 8077
far red light 334, 2255, 3071, 4624
interception 222, 4590, 5422
models 2251, 4742
red light 334, 2255, 2834, 3071, 4624, 8077
reflectance, models 3684

Maize *cont.*
light *cont.*
use efficiency 3539
white light 3791
light intensity 5482
lodging 3751
cultivars 2229
resistance 2229
maturity stage, cultivars 163
mechanical stimulation 1297
mesocotyls
enzymes 2930
growth regulators 220
metabolism 220, 2834
metabolic inhibitors 5478
aflatoxins 5470
canavanine 7278
citrinin 2254
difluoromethylarginine 5480
metabolic regulators
calcium 6402
reviews 7270
calmodulin 6402
metabolism
abscisic acid 3782
acetylcholine 749
amino acids 3763, 7267, 7271
ammonia 2918, 4704
anthocyanins 2266
antioxidants 2945, 4628
ascorbic acid 2944, 3792, 5205
ATP 2078
benzoic acid 3767
carbohydrates 4620, 7267, 7281
carotenes 2944
carotenoids 4628, 5470, 8939
chlorophyll 2834, 2944, 3792, 4626, 4628, 5470, 7291, 7300, 8086, 8636
cinnamic acid 3767
p-coumaric acid 3791
cysteine 4630
diferulic acid 3791
DIMBOA 8928
DNA 7278
DNA repair 4639
dopa 3221
enzymes 2246
fatty acids 2263, 8068
ferulic acid 3791
free radicals 3792
glutathione 2911, 2944, 3792, 4630
growth regulators 218-219, 6394, 8933
heat shock proteins 2262
herbicides 2911, 3069, 7255-7256, 7868, 8920
safeners 2238-2239
IAA 8066
lactones 5205
lignin 3768, 8069
lipids 4619, 8082
malonaldehyde 4619
mycotoxins 4396
nitrate 8055
nitrogen 930, 2262, 8055
nucleic acids 888, 5470
nucleotides 1640
organic acids 3626, 6376
phenolic compounds 227, 4621
phosphorylation 220, 942, 1636, 1642, 2917, 6379, 7279, 8056
phytic acid 8930
phytochelatins 2244
polyamines 207, 2245, 2947, 5488, 7278
polysaccharides 5463
proline 1655, 5488, 8062
proteins 211, 220, 942, 1394, 1636, 2262, 2267, 4630, 5219, 5470, 7254, 7279, 7281, 7300, 8056
protochlorophyllides 2834
pyrocatechol 3221
reviews 4383
secondary metabolites 7280
starch 4614, 6383
sterols 2921
sucrose 2247, 4614
sugars 954, 7277
α-tocopherol 2944
triacylglycerols 8068

Maize *cont.*
microclimate 7137
mineral nutrition 3778, 9490
aluminium 6376
tolerance 8054
toxicity 927, 4617, 7268-7269, 8054, 9497
cadmium, toxicity 3805, 5460, 8052
calcium 5440, 6372, 8087
deficiency 927
copper 202, 6375
toxicity 1639, 2243, 4609, 8052
deficiency 1637, 7289
fluorine, toxicity 6363
heavy metals, toxicity 3750, 4638
iodine 2681
iron 2861
deficiency 2259, 2426, 4389, 8925-8926
foliar diagnosis 4612
lead, toxicity 3930, 5460
magnesium 5131, 8053
deficiency 4389
manganese, deficiency 4389
molybdenum 7273
nickel, toxicity 1638, 8924
nitrogen 2078, 2262, 2914, 3766, 4585, 4611, 5131, 5202, 5455, 5733, 6241, 6350, 6373, 7254, 7271-7272, 8050, 8055, 8075, 8251, 8922-8923
ammonium nitrogen 4704
deficiency, remote sensing 1661
foliar diagnosis 176, 179, 2682, 4610
models 7283
remote sensing 1658
sources 951, 3626, 3764, 3801
phosphorus 4636, 5202, 5442, 5733, 6373, 6407, 8050, 8095, 8632
deficiency 4217
toxicity 8644
potassium 5733, 6373, 8050, 8053
deficiency 3279, 3800
foliar diagnosis 8927
selenium, toxicity 4392
silicon 8054
sulfur, deficiency 3763, 4217, 4389
zinc 6375, 7247
deficiency 1584, 1612, 5185, 5461, 8074, 8644
foliar diagnosis 5461
toxicity 2244, 8074
mineral uptake 6101, 6406, 8040, 9490
aluminium 7479, 8054, 9538
cadmium 1657, 3228, 6362, 7021, 8052, 8642
caesium 3689, 5459, 9539
calcium 206, 2916, 4425, 5440, 6372
chromium 919, 1417
copper 919, 1657, 3228, 3749, 4384, 7021, 7241, 8052
elements 926, 4755, 8953
heavy metals 3749, 7301
iron 2861, 3749, 4384, 7241, 9538
reviews 7266
lead 737, 919, 2951, 7021
magnesium 206, 2916, 7243, 8053
manganese 3749, 4384, 7241, 7479, 9538
nickel 3228, 3765
nitrogen 155, 157, 164, 175, 183, 203-206, 727, 922, 925, 934, 1470, 1608, 1652, 2233, 2235, 2943, 3738-3739, 3763, 3766, 4595, 5196, 5202, 5287, 5425, 5446, 5455, 5462, 5491, 5493, 6346, 6373, 6377-6378, 7234, 7236-7240, 7243, 7254, 7272, 7274, 7815, 8037, 8050, 8251, 8879, 8884, 8900, 8910, 8922-8923
models 7275
phosphorus 164, 186, 233, 738, 912-913, 922, 925, 977, 1470, 1613, 2242, 2685, 2915-2916, 2953, 4613, 4636, 5202, 5446, 6354, 6360, 6373, 6403, 7218, 7234, 7240, 7243, 7479, 8037, 8050
determination 6106
models 7276

Maize *cont.*
mineral uptake *cont.*
potassium 164, 206, 922, 1585, 1613, 2915-2916, 3800, 3921, 4425, 4636, 5446, 5459, 5489, 6373, 7234, 7243, 8037, 8050, 8053
rubidium 5459
sodium 4425
strontium 1417, 9539
sulfur 4595, 6360
trace elements 8953
zinc 919, 929, 1585, 1657, 2241, 2899, 3228, 4384, 4599, 7021, 7232, 7241, 7247
mulches
Acacia angustissima 7236, 7239
Brachystegia spiciformis 7236
Cajanus cajan 7236, 7239
Calliandra calothyrsus 7236-7237
Callophylum brasiliense 918
Cassia siamea 7532
crop residues 6977, 9489
Flemingia macrophylla 7239
grasses 3731
Jacaranda copaia 918
Lantana camara 7217
leaves 6977
Leucaena leucocephala 7236-7237
live mulches 9489
plastic film 4589
straw 167, 2747, 7216
Strypnodendron microstachyum 918
Vochysia guatemalensis 918
weeds 9489
multiple cropping 2669, 5185, 7793, 7798-7799
rice 977, 6086
sesame 6971
Vigna mungo 903
Vigna radiata 903
Vigna unguiculata 903
wheat 2739, 3471, 6353
mycorrhizas 959-960, 4637-4638, 6354, 6403, 8953-8954
Glomus 4636
Glomus constrictum 6407
Glomus etunicatum 7303
Glomus fasciculatum 8094
Glomus intraradices 233, 8952
Glomus mosseae 3228, 8095
Glomus versiforme 958
nitrification inhibitors 3766, 8901
nitrogen fixation, salinity 8950
osmoprotectants, betaine 7387
panicles, development 3729
pests 768, 4442
Acarus siro 4441
Agelaius phoeniceus 3760
Arion fasciatus 3761
Arion subfuscus 3761
Deroceras reticulatum 3761
Elasmopalpus lignosellus, control 923
Odocoileus virginianus 3760
Procyon lotor 3760
Solenopsis invicta 7024
Spodoptera frugiperda 924, 5456
Tyrophagus putrescentiae 4441
Ursus americanus 3760
photosynthesis 6369, 6389, 7261
abscisic acid 104
carbon dioxide 2695, 3070, 4633, 4866
carbon pathways 1639, 2078, 3502
electron transfer 952, 1654, 3502, 4609, 6366-6367, 7263, 8083
enzymes 224, 2917, 6526, 7262
gas exchange 950, 2693
growth regulators 225, 2933, 7288
growth stages 7291
inhibitors 4609
irradiation 2271, 5101
light harvesting complexes 6366
light intensity 4609, 4614
metabolic inhibitors 7262
mineral nutrition 202, 927, 1639
models 3070
mycorrhizas, techniques 8094
photoinhibition 8083
photosystem I 1636, 4609, 7263
analysis 6368

Maize *cont.*
photosynthesis *cont.*
photosystem II 1639, 3502, 4609, 6366-6367, 7263
analysis 6368
pigments 7263
plant density 8883
temperature 952, 1653-1654, 8083
water stress 224, 226, 950, 1635, 3793-3794, 5484-5485, 6401, 8078
phytochrome 2255
plant competition, weeds 591, 1597, 1626, 1630-1631, 1633, 4604, 4606-4607, 5453, 7250, 7395, 7796, 8049
plant density 152, 165-166, 171, 199, 1585, 1603, 1614, 1630, 2083, 2229, 2891-2892, 3733, 4590-4591, 4606-4607, 5423, 5430-5432, 5445, 6343, 6967, 7208, 7220-7221, 7286, 8883, 8890-8891
plant development
carbon dioxide 2952
models 2264
reviews 7287
plant height 2229
plant morphology
image processing 3531
models 844
plant physiology, monitoring, techniques 4435
pollen
composition, carbohydrates 8071
drought resistance 931
enzymes 209, 212
metabolism 8056
growth regulators 8069
lignin 8069
translocation, calcium 6371
ultrastructure, microscopy 961
uptake, calcium 6371
viability 931
water relations 931
pollen germination, enzymes 8069
pollution 6406
arsenic 7300
benzopyrene 1545
cadmium 1532, 1545, 3228, 5221, 7021, 8642
chromium 1417
copper 1545, 7021
factory effluents 2950
heavy metals 1657
lead 1532, 7021
nickel 3228
petroleum hydrocarbons 6123
polychlorinated biphenyls 1545
radionuclides 3689, 9539
sewage effluent 1545
strontium 1417
thallium 1532
zinc 7021
precipitation 184, 1652, 2877, 3744, 7132, 7923
models 7296
production possibilities
Cameroon 6408
India 7768
Netherlands 4580
UK 3806
USA, Kansas 6339
protoplasts, light 8077
reclamation 9537
relay cropping
Sesbania aculeata 6961
wheat 4466, 6338
remote sensing 3532, 3684
aerial photography 1658
mineral uptake 5493
reflectance 8691
temperature 7137
yields 8033, 8097
estimation 5493
respiration 4866, 5486
fertilizers 6363
growth stages 7291
isotope fractionation 6685
models 1634
mycotoxins 2240
photorespiration 7262

Maize *cont.*
respiration *cont.*
temperature 5457
water stress 5485
root exudates 4632
aluminium 7269
citric acid 7269
malic acid 7269
root inoculation
Azospirillum 4634
Azospirillum brasilense 4635, 8950
Azospirillum lipoferum 4635
Penicillium corylophillum 8950
root systems 2229, 7710, 8213
models 6409
root tips
composition, proteins 3787
enzymes 2930
pH 955
rooting depth 160, 7216, 7284, 7834
roots
anatomy 2937, 5477
cell division 7258, 7278, 7295
cell membranes
electric potential 2263
electrical properties 8051
ion transport 925, 934, 3921, 7264
plasma membranes 925, 934
proton pump 5467
cell walls, metabolism, cellulose 2912
cells 2915
cell walls 1647
Golgi apparatus 7294
microfilaments 6395
microtubules 2938, 3790
turgor 3924
ultrastructure 2938
composition
carbohydrates 1655, 3764
chlorophyll 1655
copper 5221
cytochromes 5466
elements 926
fatty acids 2263
heavy metals 6869
lead 737
lignin 5466
magnesium 5221
manganese 5221
phenolic compounds 227
phosphorus 6375
potassium 5221
proline 1655, 8062
proteins 8925
zinc 5221
cytotoxic compounds 3784
density 6352
development 5477, 7213, 7278
distribution 160, 8025
models 2258
soil pore system 8944
enzymes 208, 213, 934, 2240, 2249, 2263, 2923, 2930, 3772, 3796, 3803, 5465-5467, 6375, 7254, 7260, 7278, 8052, 8060, 8950
friction 7285
growth 227, 1297, 1545, 1594, 2252, 3802, 4634, 4866, 5474, 7268, 7278, 7285, 7298, 8931
impedance 4632
inhibitors 3784
models 6409
mycorrhizas 8954
salinity 5487
turgor 1647
water potential 1647
growth regulators 934, 940, 2252, 2932, 5474, 8932
herbicides 7258
hypoxia 1656, 2923, 3802-3803
ion transport 2937, 3762, 8051, 8921
length 7284, 8025
mechanical damage 8051
meristems 5477, 7278, 7295
metabolism 219, 7278
fatty acids 2263
growth regulators 3803
phenolic compounds 227
polyamines 2245
microsomes, binding proteins 2928

Maize *cont.*
roots *cont.*
mineral uptake, heavy metals 6869
morphogenesis 3790
morphology 1297
mucilages 3774
nutation 8921
osmoregulation 5487
pH 3762
plasma membranes
composition, proteins 2257
enzymes 1645, 3769
ion transport 208, 6370
removal 8063
root caps 3774, 7285, 7294
root hairs
enzymes 5478
metabolic inhibitors 5478
microscopy 961
pH 4704
root tips
anaerobiosis 954
enzymes 954
ultrastructure 7293
senescence 1656
siderophores 2241, 2861
temperature 951, 3799
trichomes, cells, vacuoles, pH 3801
tropisms, gravitropism 6395, 8935-8936
turgor 3773
ultrastructure 5469
uptake, nitrogen 3801
vacuoles, pH 5478
water potential 2914, 5487, 8652
water relations 3773, 5487
water stress 3773
water transfer 2914, 4617
rotations 2670, 2881, 2884, 6964, 7795, 7802, 7815, 8635, 9483, 9492
barley 773-774, 2062, 2068
Brassica campestris var. *toria* 2064
Cassia rotundifolia 153
Cassia siamea 2883
Centrosema pascuorum 153
Chromolaena odorata 1581
Eucalyptus camaldulensis 2883
Eucalyptus tereticornis 2883
fallow 1581, 2883, 5608, 6405, 7210
fodder crops 773-774
legumes 8878
Leucaena leucocephala 2883
Medicago sativa 7210, 8879
models 6078
oats 154
pasture legumes 9060
peas 154, 188, 1591, 1612, 2064
potatoes 1, 2064
Prosopis chilensis 2883
rice 6101
Sesbania sesban 2878
sorghum 5608, 7210
sorghum × *S. sudanense* 7210
soyabeans 154, 159, 178, 773-774, 1597-1598, 2068, 3739, 6079, 6101, 6405, 8879, 8882, 8887, 8903
Stylosanthes hamata 153, 8884
sunflowers 7210
Trifolium alexandrinum 1605
Trifolium repens 1
triticale 154
Vicia villosa 8879
Vigna mungo 2064, 5801, 7228
Vigna radiata 2064, 5801, 7228
Vigna unguiculata 5801, 7228
wheat 1, 1044, 1591, 1605, 1612, 2068, 5608, 7082, 7211, 7923, 8743, 8879, 8910
row orientation 5435, 8839
row spacing 6346
salinity 1655, 1657, 2267, 2947, 3221, 3800, 4415, 4425, 4755, 5487-5488, 6404, 8086-8087
models 7297
salt tolerance 4415, 4425, 6404
seed injury 8031
seed inoculation
Azospirillum 1418, 4594
Azospirillum brasilense 5492
Azotobacter 4594

Maize *cont.*
seed inoculation *cont.*
Glomus mosseae 6354
Klebsiella oxytoca 8951
Pseudomonas 232, 2953
Pseudomonas capacia 231
Pseudomonas fluorescens 231
Rhizobium 232
Rhizobium leguminosarum 1418
strains 2953
Rhizopus 2953
Serratia 2953
Streptomyces aurantiacus 231
Xanthomonas maltophilia 8951
seed production
Bulgaria 1604
Croatia 2756, 2895
harvesting date 2956
stress factors 5437
water stress 8941
seed quality 2890, 8098
assessment 8096
Indonesia 9099
water stress 8941
seed set, growth regulators 943
seed testing 8098
vigour 8958
seed treatment
accelerated aging 8958
acetic acid 2111
aflatoxins 5470
Agrobacterium 3748
calcium 3776, 5486
calcium chloride 8082
chelating agents 8082
chitosan 2889
chlorpromazine 8082
citrinin 2254
fertilizers 915, 8032
growth regulators 162, 1596, 3735, 3748, 5486, 8888
hydrogen peroxide 3777
hydrophilic polymers 1595
insecticides 7024, 8028
lanthanum 8082
magnetic field 6341
magnetism 5193
mucopolysaccharides 6384
mycotoxins 2254
pelleting 6363
penicillins 161-162
rare earth elements 4588
salinity 1655
soaking 3776
verapamil 8082
zinc 3776
seedbed preparation 2885
seedlings
accumulation, lead 2951
cell membranes
ion transport 2261
permeability 2261, 5486
composition
chlorophyll 2889
pigments 334
proteins 3780
development 3071
emergence 192, 2890, 2929, 4475, 6340, 8098
climate 8940
soil temperature 6113
soil water content 6113
enzymes 214, 2248, 6384, 6386, 7273
growth 1047, 2248, 5470, 7271
light 334
growth regulators 221
metabolism 5470
mitochondria, enzymes 5464
production 3735
quality, assessment 8096
seeds
aging 5428
anoxia 4754
composition
binding proteins 1651
carotenoids 2254, 8939
chlorophyll 2254
lipids 1293, 7015
lysine, determination, techniques 3926
molybdenum 2250

Maize *cont.*
seeds *cont.*
composition *cont.*
nitrates 190
nucleic acids 2254
proteins 2254, 2925
determination, techniques 3786
zein, determination, techniques 3786
desiccation 7277
tolerance 6622
development 5210, 6382, 7277
enzymes 6387
drying 2956
embryos
composition
calmodulin 8072
globulins 1650
enzymes 6387, 8068
metabolism 3221, 8068
osmoregulation 8068
endosperm 7267
development 4622
enzymes 1641, 1643, 2889
metabolism 3221
starch granules 1643
enzymes 161-162, 3776-3777, 4754, 6382, 8058, 8087
germination 907, 2925, 5210, 7277, 8098
accelerated aging 5226
allelopathins 6093
allelopathy 2697, 4410, 8677
bacteria 2253
drying 2956
enzymes 2246, 3221
fertilizers 6357
harvesting date 2956
herbicides 7258
irrigation 2879
maturity 2230
maturity stage 9522
metabolism 3221, 4588, 8930
mulches 6093
mycotoxins 2240
pH 8930
pollution 2950
salinity 2267, 3221, 8087
seed injury 8031
seed treatment 161, 1595, 1655, 2889, 3776-3777, 4588, 5470, 6341, 8028
shelterbelts 2879
storage 963, 2956, 4441, 5226
temperature 3221, 3775
longevity 6622
maturation 3734, 7277, 9522
metabolism 5470, 7277, 7281, 8928
moisture content 5210, 8627
determination 8684
preharvest sprouting 2250
provenance 907, 3775
respiration 3776
scutellum
development 6398
enzymes 7254
ultrastructure 6398
shape 2890
storage 963, 2956, 4438, 5226, 8028
containers 4641
pests 4441
viability 2890, 4438, 5226, 9522
storage 4641
vigour 907, 3777, 5453, 8028, 8098, 9522
storage 4641
vitrification 4438, 6622
water relations 7015
weight 3734
senescence 1656
shading 943, 2083, 2879, 3782
shelterbelts 2879
models 7302
shoots
composition
aluminium 7479
carbohydrates 1655
chlorophyll 1655, 5460
copper 5221
elements 926

Maize *cont.*
shoots *cont.*
composition *cont.*
lead 737
magnesium 5221
manganese 5221, 7479
phenolic compounds 5476
phosphorus 7479
potassium 5221
proline 1655
proteins 5460
zinc 5221
development 3779, 4618
enzymes 888, 4615, 7254, 7260, 8052
growth 2941, 5490
growth regulators 888, 940, 8932
metabolism 888
soil
aluminium 924, 8041
bacteria 2253
calcium 8041
calcium carbonate 8088
chromium 1417
depth 7298
erosion 953, 2887, 3804, 7299, 8946-8947
macropores 8944
magnesium 8041, 9494
nickel 3765
nitrogen 157, 177, 3739, 5202, 7082, 7250, 7274, 8090, 8251, 8878
phosphorus 2685, 5202, 5442, 6403, 6407, 7082, 7284, 8088
potassium 5489, 8038, 8899, 9494
sodium 4015
strontium 1417
temperature 6403
topsoil 7298
volume 8095
zinc 929, 2899
soil amendments
bentonite 8904
calcium carbonate 6869, 7246
clay 7246
clinoptilolite 7247
crop residues 9499
filter cake 2236
gypsum 2236
hydroxyapatite 7247
lime 233, 729, 2236, 2250, 5447, 6354, 7247, 7479, 8042-8043, 8903-8904, 9538-9539
magnesian limestone 2899, 8041
peat 3689
phosphogypsum 192
refuse 7245-7246
refuse compost 919
rice husks 2236
silicon 7268
slags 8043
vermicompost 7245-7246
waste paper 9497
zeolites 3689, 8904
soil compaction 1617, 1635, 3803, 4631, 7211, 8089
soil conditioners, ammoniated lignin 7244
soil conservation 4587, 7532, 8839
soil density 4585, 8089
soil depth 8889, 8945
soil fertility 2883, 2953, 3742, 7082, 8092, 9537
soil fumigants, methyl bromide 6403
soil inoculation
Azospirillum 1608, 8949
Azospirillum brasilense 957, 5491-5492
Azotobacter 2896, 3766
Glomus 1613
Glomus clarum 960
Glomus intraradices 959
Glomus mosseae 3228, 6354, 8095
Pseudomonas putida 957, 2242
soil morphology 8945
soil organic matter 7801
soil pH 2894, 3743, 8041, 9538
soil physical properties 2672, 2948, 8025
soil properties 5490
soil temperature 2929, 5427, 5490, 8918
soil types 911, 4212, 4217, 5492, 8679, 8895, 8954, 9095

Maize *cont.*
soil variability 8091, 8093
soil water 3590, 6390, 8089, 8652
soil water content 215, 226, 1635, 2941, 4585, 4627, 5469, 6401
estimation 7306
growth stages 6399-6400
remote sensing 1659
sowing, comparisons, transplanting 3727-3728, 4589
sowing date 163, 2877, 3729, 3741, 5429, 7208, 7216, 8076, 8942
sowing methods 164, 4472
broadcasting 8029
direct sowing 2067
sowing rates 908, 5428, 8029, 8889
space science 9536
spacing 166, 2229, 2891, 3730, 4590, 4606, 6342, 7208, 7219, 8839, 8890
models 4475
spectral analysis 3530
stems
anatomy 6397
cation exchange capacity 6356
cell walls, lignification 3788
composition
calcium 6356
heavy metals 6869
lignin 6397
magnesium 6356
potassium 6356
diameter 7710
heat flow 3783
injection, sucrose 7265
internodes 6397
growth 8064
lignification, techniques 8064
mineral uptake, heavy metals 6869
pH 6356
thermal properties 3783
water content 4426
water potential 4426
stomatal resistance 1635
straw disposal 8027
subsurface barriers 5425
supports 7710
tassels, development 1648, 8070
taxonomy 7887
temperature 163, 227, 951-952, 1652-1654, 2091, 2263-2266, 2877, 2944, 3221, 3744, 3775, 3799, 4628-4630, 5101, 7132, 7137, 8059, 8076, 8083, 8948
heat sums 3798, 8942
topography 8034
slope 164, 8088
translocation
abscisic acid 3782
amino acids 7267
carbohydrates 7267
copper 3799
growth regulators 935, 8933
herbicides 7259, 8918
iron 3799
reviews 7266
lead 737, 2951
manganese 3799
nitrogen 951, 2233, 4611
phosphorus 2915
photosynthates 2687
potassium 2915, 3800
reviews 4383
source sink relations 4614, 7265
sucrose 7265
temperature 3799
zinc 3799, 7232
transpiration 2795, 3924, 4866, 5101, 5186, 6390, 8063
abscisic acid 104
determination 7833
growth regulators 2933
measurement 2924
techniques 2272
models 4742
water stress 5485, 6401
transplanting 3735
comparisons, direct sowing 3727-3728, 4589
date 3727-3728
seedling age 3727-3728

Maize *cont.*
tropisms
geotropism 7293
gravitropism 944, 2932, 6386, 6395, 8937
phototropism 945-946, 2255, 8934
uptake, herbicides 7259, 8918
water balance 2943
models 7283
water management 3731, 4592-4593
water relations 215, 931, 2795, 3774, 8652
electrical properties 1600
water requirements 9520
water stress 104, 224-226, 949-950, 1635, 3782, 3793, 3796, 5440, 5474, 5484-5485, 6344, 6401, 7289, 7295, 7387, 8061, 8078, 8081, 8932
growth stages 3794, 6400, 8079
recovery 8062
remote sensing 2260
water uptake 741, 4417, 5469, 7834, 8385
models 932
water use 170, 234, 6344, 7008
estimation 7304
growth stages 7223
models 5240
soil compaction 4631
water use efficiency 170, 234, 325, 1599, 1601, 2747, 4592, 5101, 5474, 6389, 7008, 7222, 7225, 8929
light intensity 948
water stress 6401
waterlogging 2916, 3792, 4626, 5438, 5483, 8080
weather 3807, 8076
weed control 152, 921
biological control 1632
cover crops 2910
cultivars 7253
cultivation 3472, 4605, 7219, 7251, 8026
cultural control 329, 2910, 4603, 4606, 7252, 9499
harrowing 7253
herbicides 1626, 1632, 2110, 5185, 8026, 8047
hoeing 199-200, 1628
integrated control 1628, 1845
manual weed control 1598, 1845, 4608, 5185, 7234, 8105
models 6365
physical control 763
weeds 4442, 7211, 7795
Abutilon theophrasti 991, 1631
Amaranthus 198
Amaranthus retroflexus 199-200, 763, 991, 3758
Chenopodium album 198, 763, 991, 3758
Echinochloa colonum 199-200
Echinochloa crus-galli 198, 763, 3758, 8049
Eriochloa villosa 8047-8048
Galinsoga parviflora 3758
Hibiscus trionum 3758
Panicum miliaceum 8047-8048
parasitic weeds 3068, 5454
Polygonum lapathifolium 763
Polygonum persicaria 991
Portulaca oleracea 199-200
Setaria faberi 8047-8048
Setaria pumila 763
Setaria viridis 1633
Sinapis arvensis 3758
Solanum nigrum 991
Sorghum halepense 198, 991, 4607-4608
Stellaria media 7395
Striga hermonthica 201, 1632, 3068, 5454, 8917
Xanthium strumarium 5453
wheel tracks 8089
wind 953, 4426, 7710
xylem, pressure 3924
yield components 1618, 7221
yield correlations 234, 2877, 6400, 7208, 8076
yield forecasting 3808
models 3807

Maize *cont.*
yield forecasting *cont.*
remote sensing 962
yield losses, reviews 767
yields 17, 8091
Australia 4449
Bulgaria 1580
China, Jilin 151
cultivars 6369
mapping 2954-2955, 8033, 8093
models 163, 6078, 7296, 7305, 8092, 8955, 8957
remote sensing 8033, 8097
seasonal variation 3743, 5481
spatial distribution 5481
stability 3756, 5481
variation 8090
Malawi
Pennisetum glaucum, cultivars 3056
sorghum, cultivars 3035
Mali, farming systems, sustainability 3541
Manihot (*see* Cassava)
Maranta arundinacea, crop management, Kenya, reviews 9347
Mauritius
agricultural research 2718
potatoes, cultivars 8452
reports, Mauritius Sugar Industry Research Institute 3548
Mediterranean region
Calendula officinalis, production possibilities 9430
Camelina sativa, production possibilities 9430
Coriandrum sativum, production possibilities 9430
crop husbandry, cultivars 4379
Euphorbia lagascae, production possibilities 9430
Lepidium sativum, production possibilities 9430
Lesquerella fendleri, production possibilities 9430
Madia sativa, production possibilities 9430
Vernonia galamensis, production possibilities 9430
Metabolic inhibitors, brefeldin A 7846
Metabolic regulators
calcium 9526
oligosaccharins, reviews 745
Metabolism
amino acids, reviews 1390
γ-aminobutyric acid, reviews 3507
antioxidants, books 4459
ascorbic acid, reviews 881
books 5254
carbon, books 9580
chlorophyll, reviews 1393, 4395, 7829-7830
electron transfer, books 4459
fatty acids, reviews 9517
free radicals, reviews 1392
growth regulators 6115
reviews 8649, 8656, 8666
herbicides, reviews 1395
iodine, reviews 2681
linolenic acid, reviews 8649
lipids, reviews 7004
methanol, reviews 1391
nitrogen 8643
books 9580
reviews 2686
oxaloacetic acid, reviews 6828
oxygen
books 4459
reviews 837, 6109
phenolic compounds, reviews 3506
phytochrome, reviews 7827
polyamines, reviews 3524
proline, reviews 8645
proteins 9501, 9514
reviews 1390
protochlorophyllides 9531
starch, reviews 9516
sulfur, reviews 7828
toxic substances, reviews 8646
Mexico
cotton, cultivars 6827
cropping systems, shifting cultivation 4581
Mexico *cont.*
sorghum, cultivars 3033
wheat, cultivars 8740
Microscopy, techniques 2194
Middle East, potatoes, true seeds, production 2514
Millets (*see also* individual species)
agroforestry 7398
alley cropping, *Faidherbia albida* 7398
fertilizers
composts 6358
manures 7398
nitrogen 6358
phosphorus 6358
potassium 6358
requirements, models 4751
growth, spatial variation 7398
seedbed preparation 2349
soil, erosion control 7039
soil conservation 2349
transpiration 3925
water harvesting 2349
water use 3925
water use efficiency 3925
Mineral nutrition
iron
deficiency 1386
reviews 1387-1388
models 2680
phosphorus, determination, techniques 1389
potassium 8633
reviews 8660
Mineral uptake
aluminium, reviews 2683
ammonium, reviews 1390
heavy metals 6102
iron, reviews 1388
models 5209
nitrate, reviews 1390
nitrogen, reviews 1396, 9512
trace elements 6102
Miscanthus
production possibilities
France 7362
UK, Scotland 5916
Miscanthus sacchariflorus, biomass production 9469
Miscanthus sinensis
biomass production 9471
fertilizers, nitrogen 7791
light, use efficiency 9471
mineral uptake
magnesium 7791
nitrogen 7791
phosphorus 7791
potassium 7791
plant density 9471
roots
composition
magnesium, seasonal variation 7791
nitrogen, seasonal variation 7791
phosphorus, seasonal variation 7791
potassium, seasonal variation 7791
shoots
composition
magnesium, seasonal variation 7791
nitrogen, seasonal variation 7791
phosphorus, seasonal variation 7791
potassium, seasonal variation 7791
translocation
magnesium 7791
nitrogen 7791
phosphorus 7791
potassium 7791
Mixed cropping
barley 9479-9480
Sinapis alba 9479-9480
wheat 9479-9480
Models
agricultural meteorology 1429
maize 956, 3806
air pollution
ozone 3522
wheat 8831
Models *cont.*
biomass production
rice 291
wheat 4528
carbon cycle
barley 877
wheat 877
carbon dioxide enrichment
barley 149, 7878
maize 7878
oats 7878
peas 7878
Phaseolus vulgaris 7878
potatoes 7878
rape 7878
rice 89, 6510
sorghum 7878
soyabeans 6611, 7878
sugarbeet 7878
sunflowers 7878
tobacco 7878
wheat 85, 87, 89, 7878
climate, groundnuts 1774
climatic change 86, 2117, 2675, 5236, 6105, 9560
barley 149, 4577, 5239, 7878
carbon dioxide, Southern Africa 5235
farming systems 7040
greenhouse effect, Southern Africa 5235
maize 2270, 3806, 5239-5240, 7302, 7878, 8948, 9562
New Zealand 776
oats 5239, 7878
peas 7878
Phaseolus vulgaris 7878
potatoes 2552, 5239, 7878
rape 7878
rice 304-305, 2325, 6510
sorghum 5240, 7878
soyabeans 5240, 6611, 7878, 9562
sugarbeet 7878
sunflowers 7878, 9562
tobacco 7878
wheat 85, 88, 90, 5239-5240, 7878, 8835, 9562
cotton 1960
crop husbandry
Australia, sorghum 2330
farm inputs 9547
maize 1579, 2739
sugarbeet 3272
wheat 2739
crop management 5225
cotton 9282
sugarbeet 7621
crop production 4447
barley 900
cotton 625
maize 229
potatoes 576
reviews 2104
cropping systems 2675, 4447, 5181, 6132
crops 2102, 2105
cultivars, genotype environment interaction 1383
dew, prediction 4986
diseases, *Phytophthora infestans,* potatoes 5239
drought 778
maize 3795
drought resistance, rice 305
dry matter accumulation
maize 6391
soyabeans 3132
dry matter distribution, rice 1723
ecosystems 2117
energy balance 5242
establishment, sorghum 5590
evaporation, maize 2942
evapotranspiration 3513, 3544
Brassica juncea 742
Cyamopsis tetragonoloba 742
estimation, wheat 2793
maize 557
models 499
Pennisetum glaucum 742, 4744
potatoes 557
sorghum 742, 7371
sugarcane 2661
Vigna radiata 742

Models *cont.*
farming systems 2675, 6126
crop production 3540
environmental impact 3540
intensive farming, *Pennisetum glaucum* 8199
low input agriculture, wheat 8713
sustainability 3540
fertilizers 7808
field crops 4437
maize 3736
nitrogen
barley 4577
Pennisetum glaucum 5603
requirements 1377
cereals 1741
sugarbeet 7611
sorghum 5576
sugarcane 1354, 6036, 9448
use efficiency, cereals 2135
wheat 2751, 3593
NPK fertilizers, rice 5524
phosphorus
maize 3489
requirements
sorghum 6522
wheat 1468
soyabeans 3489
wheat 3489, 3593
requirements
maize 1616
millets 4751
oats 4546
sulfur, *Brassica juncea* 1317
fibres, quality, prediction, cotton 5047
flowering
flowering date
cotton 8497
soyabeans 354, 5660
photoperiod, rice 1714
temperature, rice 2320
grain
composition, proteins, wheat 5339
filling
sorghum 5591
wheat 3609
quality, wheat 858, 4524
weight, sorghum 5591
growth 2080-2081, 4405-4406, 9546
barley 145, 4577, 6078
Cannabis sativa 5912
cotton 5059, 5908, 8490
crops 2107
groundnuts 4900
Lupinus albus 1181
maize 6078
Phaseolus vulgaris 5752
potatoes 2534, 4204-4205, 4971-4972, 4974-4976, 4984, 4990, 6784
books 5252
rice 3000, 4731, 6483
rye 7409
sorghum 5590, 5592-5593, 6078, 7375
soyabeans 4900, 6078, 7409
sunflowers 2614, 6078
temperature, sesame 646
Triticum durum 6078
Vigna radiata 4900
Vigna unguiculata 4900
wheat 797, 857, 1515, 3640, 4540, 7119, 7961
growth analysis 8675
harvest index, peas 5729
harvesting, harvesting date, sugarcane 7777
heat flow, *Pennisetum glaucum* 4744
intercropping 8621, 8693
irrigation
cotton 596
fertigation, maize 4640
furrow irrigation, *Phaseolus vulgaris* 1806
growth, soyabeans 4025
irrigation requirements, rice 6505
irrigation scheduling 3481, 3575
cotton 6809
potatoes 498-499
sorghum 6521, 7370
sugarbeet 499

Models *cont.*
irrigation *cont.*
maize 2893, 8030, 8893
soyabeans 4025
sugarcane 7771-7772
wheat 806, 2751, 7069, 7910, 8729
land use 2675, 9058
leaf area index, maize 2251
leaves
canopy
photosynthesis 6993
reflectance 1086, 8428
sugarbeet 7620
composition, nitrogen 2093
development
rice 1704
sugarbeet 7619
number, rice 1714
orientation, maize 933
stomatal resistance, cotton 7681
light 7850
interception
intercropping 4742
maize 2251, 4742
sorghum 4742
reflectance
maize 3684
wheat 3684
maturity stage, *Lupinus albus* 5793
metabolism, wheat 8815
mineral nutrition 2680
nitrogen
maize 7283
potatoes 4985
sorghum 7375
wheat 797-798
oats 4546
Pennisetum glaucum 3060
mineral uptake 5209
calcium 4391
magnesium 4391
nitrogen 4391
maize 7275
Pennisetum glaucum 5603
potatoes 4962
sorghum 5576
phosphorus 4391
barley 7190
maize 7276
potatoes 4962
wheat 5317
potassium 4391
potatoes 4962
sulfur, wheat 5315
mulches, soyabeans 7409
nitrogen cycle
barley 877
wheat 877
panicles, development, rice 1704
pests
Globodera rostochiensis, potatoes 5239
Meloidogyne chitwoodi, potatoes 5239
photoperiod, rice 3013
photosynthesis 3500, 4380, 6993
carbon dioxide 2093, 8639
climatic change 6105
determination 7342
light 6105
maize 3070
oats 4546
Panicum miliaceum 3070
Pennisetum glaucum 3060
rice 992
sorghum 3070
soyabeans 5654
temperature 6105
wheat 6231
plant competition 7855
weeds 2375
rice 279
plant composition, nitrogen, *Pennisetum glaucum* 5603
plant density
barley 1551
Linum usitatissimum 9377
sorghum 5590
yield correlations 758
plant development 2080-2081
Lupinus albus 1183

Models *cont.*
plant development *cont.*
maize 2264
Phaseolus vulgaris 5752
potatoes 4972, 4975
rice 3013, 6505
soyabeans 3944, 5660
temperature
rice 2320
sesame 646
triticale 2196
wheat 2177, 2196, 3639, 8794-8795
plant height, tobacco 2703
plant morphology
maize 844
wheat 844
plant nutrition 2702, 7808, 7824
foliar diagnosis 3505
precipitation, maize 7296
production possibilities, maize 6408
respiration, maize 1634
reviews 2103, 2675
root shoot ratio 4405, 4412
rice 5543
root systems 7023
maize 6409
sugarbeet 1202
rooting depth, sugarbeet 1202
roots
distribution 8195
cotton 620
maize 2258
wheat 8792
growth 4116
growth rate 7011
models 6409
Phaseolus vulgaris 4852
wheat 8792
meristems, cell division, wheat 3641
morphology, *Phaseolus vulgaris* 4852
oxygen
uptake
rice 6514
wheat 6514
water transfer 3511, 4400
water uptake 3511, 4404
rotations
barley 6078
maize 6078
sorghum 6078
soyabeans 6078
sunflowers 6078
Triticum durum 6078
wheat 799
salinity
maize 7297
sorghum 7374
wheat 7374
salt tolerance, *Triticum durum* 6173
seedlings, emergence, soyabeans 1087
shelterbelts
maize 7302
wheat 4465
soil fertility
cotton 1269
potatoes 575
soil properties
cotton 1269
sorghum 3909
soil water
potatoes 575, 4985
soyabeans 6605
wheat 797-798, 3637
soil water content, wheat 8836
sowing date
Linum usitatissimum 9377
Triticum durum 5273
sowing rates, wheat 7
spacing
barley 1551
maize 4475
wheat 4475
statistical analysis 1960
stomatal resistance 4403
temperature
barley 149
heat sums 6135
rice 89, 3013
wheat 85, 89
translocation, pesticides 2077
transpiration 5208

Models *cont.*
transpiration *cont.*
barley 6327
maize 4742
sorghum 4742
wheat 3637
tubers
composition
chlorophyll, potatoes 9334
glycoalkaloids, potatoes 9334
growth
defoliation, potatoes 4969
photoperiod, potatoes 4969
temperature, potatoes 4969
storage, growth regulators, potatoes 2555
water balance
barley 8871
India, West Bengal 7881
maize 7283
wheat 7152
water relations
barley 6327
soyabeans 6603
water stress 8675
potatoes 4973, 4983
sorghum 7370
soyabeans 6603, 8279
Triticum durum 5273, 7133
wheat 7134, 8815
water supply 7850
water transfer 3513
water uptake 2702, 5207, 5209
Cajanus cajan 5780
maize 932
sugarcane 7784
wheat 2157, 2794
water use 1400, 9546
cotton 1956
maize 5240
sorghum 5240
soyabeans 5240
sugarbeet 8424
wheat 5240
weather
barley 6312
diurnal variation 779
wheat 2188
weed control
herbicides, soyabeans 9115
maize 6365
soyabeans 6365, 7420
wheat 7420
weeds, *Digitaria ciliaris*, soyabeans 7422
yield forecasting
groundnuts, Australia 9179
Lupinus albus 1181
maize 3807
potatoes 4203
sorghum 5594
weather, sugarcane 7789
wheat 2188, 3807, 6279, 7961, 8836
yield targets, rice 6417
yields
barley 6078
cereals 9097
cotton 8470
field crops 8680
groundnuts 5702
maize 163, 6078, 7296, 8092, 8955, 8957
mapping 8688
models 7305
peas 5729
Pennisetum glaucum 8207
potatoes 6784
prediction
Linum usitatissimum 3369
wheat 798
rice 1724, 4732
sorghum 3027, 3909, 5592, 6078, 7371
soyabeans 6078, 6605
sugarbeet 792, 2810
sunflowers 6078
Triticum durum 5273, 6078
wheat 2703, 2810, 4540, 5349, 7152, 7988
Morocco
farming systems
extensive farming 9554
Morocco *cont.*
farming systems *cont.*
intensive farming 9554
nature conservation 9554
subsistence farming 9554
triticale
crop production 7169
cultivars 2841
Mozambique, sorghum, cultivars 3047
Mucuna pruriens
fertilizers, phosphorus 9274
fungicides
captan 4035
carboxin 4035
insecticides, imidacloprid 4035
mineral nutrition, phosphorus 9274
nodulation
fungicides 4035
insecticides 4035
plant competition, weeds 3268
seeds
composition
calcium 4145
carbohydrates 4145
fats 4145
fibre 4145
phosphorus 4145
potassium 4145
proteins 4145
shoots, composition, minerals 9274
weed control, cultural control 3268
Multiple cropping
barley 2669
Brassica juncea 2059, 2669, 5080, 5189, 5197, 6077
Cajanus cajan 1375, 3469, 9478
cereals 324
Cicer arietinum 1373, 2286, 3494, 4358, 4362, 5189, 6086, 6090, 6414, 7010, 7793, 8624
cotton 2065, 3337, 7657, 7798, 7813
Cyamopsis tetragonoloba 1375
Eleusine coracana 3470, 5604, 7813
groundnuts 1373, 2059, 3469, 5691, 6086-6087, 6969, 7799, 8634
Guizotia abyssinica 3470
jute 5080, 8634
Lathyrus sativus 5080
Lens culinaris 5080, 6086, 6090, 8624
Linum usitatissimum 2059, 2669, 4358, 5189, 6090, 7010, 8624
Macrotyloma uniflorum 2669
maize 249, 903, 977, 2669, 2739, 3494, 5185, 6086, 6353, 6971, 7657, 7793, 7798-7799
peas 2669, 6086
Pennisetum glaucum 5197
Phaseolus vulgaris 1370
potatoes 249, 7798
rice 249, 977, 1370, 2286, 3470, 4358, 4466, 5080, 5691, 6076, 6086, 6414, 6969, 6971, 7010, 7799, 7813, 8995, 9478
Ricinus communis 6969
safflower 4358, 6090, 9478
sesame 2059, 6077, 6971, 7657
sorghum 1373, 3469, 3494, 4362, 5569, 7010, 7657, 9478
soyabeans 3469-3470, 4358, 5189, 6090, 7010, 7657, 7799, 7813, 8624
sunflowers 2059, 6969, 7657
sweet potatoes 7798
Vigna mungo 249, 903, 2669, 3469, 4362, 5189, 6077, 6969, 7010, 7793, 8634
Vigna radiata 249, 903, 1375, 3469, 4362
Vigna unguiculata 903, 3469, 5185, 5604, 6086-6087
wheat 1370, 1373, 1375, 2065, 2669, 2739, 3337, 3469, 4358, 4362, 4466, 5185, 5189, 5197, 6077, 6086-6087, 6353, 7010, 7793, 7798-7799
Mung beans *(see Vigna radiata)*
Mycorrhizas
barley 7400
Glomus intraradices 2875, 3721
books 8708
Cajanus cajan 1188
Gigaspora margarita 9253
Mycorrhizas *cont.*
cassava 1249
cereals 5223
Glomus intraradices 6553
Cicer arietinum 1188
groundnuts
Aculospora 1778
Entrophospora 1778
Glomus fasciculatum 1778, 5701
Glomus mosseae 1778
Scutellospora pellucida 1778
legumes 5223
Lens culinaris 1188
Linum usitatissimum 5093
vesicular arbuscular mycorrhizas 4266
maize 959-960, 4637-4638, 6354, 6403, 8953-8954
Glomus 4636
Glomus constrictum 6407
Glomus etunicatum 7303
Glomus fasciculatum 8094
Glomus intraradices 233, 8952
Glomus mosseae 3228, 8095
Glomus versiforme 958
oats 109
peas 3195, 6663, 9203
Glomus mosseae 5728
Pennisetum glaucum 1726
Phaseolus vulgaris 1142
Gigaspora margarita 1143
Glomus 6699
Glomus clarum 1143
Glomus etunicatum 1143
Glomus manihotis 1143
Glomus mosseae 3228
reviews 4637
rice 7400
Glomus 8176
sorghum 1726, 3049-3050, 7400
Glomus caledonium 3048
Glomus etunicatum 3048
Glomus intraradices 3048
Glomus mosseae 3048
soyabeans 1188, 4638
Gigaspora rosea 6621, 7455
Glomus etunicatum 6621, 7303, 7455
Glomus fasciculatum 5679
Glomus intraradices 233, 2403, 2875, 8295
Glomus manihotis 358
Glomus mosseae 6614, 6621, 7455, 9165
sunflowers
Glomus 7711
Glomus fasciculatum 4298
Glomus intraradices 4298
Glomus mosseae 4298
Glomus sterilum 4298
tobacco, *Gigaspora margarita* 958
Vigna mungo 1188
Acaulospora morrowae 1842
Acaulospora spinosa 1842
Glomus versiforme 1842
Vigna radiata 1188
Acaulospora morrowae 1842
Acaulospora spinosa 1842
Glomus fasciculatum 2449
Glomus versiforme 1842
Vigna unguiculata
Glomus intraradices 1157
vesicular arbuscular mycorrhizas 5773
wheat 1534, 6276, 7400
Acaulospora laevis 2828
Gigaspora margarita 2828
Glomus 5297
Glomus fasciculatum 2828
Sclerocystis dussii 2828
vesicular arbuscular mycorrhizas 3683
Namibia
Pennisetum glaucum
crop production 3910
cultivars 3057-3058
yields 3910
Nepal
agricultural research 3562
Cicer arietinum, crop husbandry 7564
cropping systems 6088
maize, cultivars 8044

Nepal *cont.*
peas, cultivars 5707, 8420, 9183
Phaseolus vulgaris, cultivars 8420
reports, Lumle Agricultural Research Centre 1438
rice, cultivars 8132
soyabeans, cultivars 8420
Vigna unguiculata, cultivars 5707, 8420
wheat
crop husbandry 1449
cultivars 2139
sterility 3647, 3649
Netherlands
Cannabis sativa, production possibilities 5912
land use 2708
maize
cultivars 4591
production possibilities 4580
potatoes
cultivars 9309
seed tubers, production 1210
reports
Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond, Lelystad 2722
Research Institute for Soil Agrobiology and Soil Fertility 2719
sugarbeet, cultivars 4920
wheat, cultivars 4487
New Zealand
climatic change, models 776
farming systems, sustainability 9558
Nicotiana rustica (*see* Tobacco)
Nicotiana tabacum (*see* Tobacco)
Nigella glandulifera, seeds, composition, fatty acids 6925
Niger seed (*see Guizotia abyssinica)*
Nigeria
cassava, crop production 5847
cover crops, selection 6738
Dioscorea rotundata, cultivars 1945
farming systems, mixed farming 2709
sorghum
crop husbandry 2328, 8180
production possibilities 7372
soyabeans, crop husbandry 3932
Vigna unguiculata, cultivars 6711, 7536
Nitrogen, cycling, farming systems, arable farming 2711
Nitrogen fixation
barley 150
rhizosphere 335
books 8708
Cajanus cajan 4149, 6735, 6744, 9063
mineral nutrition 3247
soil types 1846
cereals 8211
Cicer arietinum 1170, 2464, 4148, 7574, 7579
determination 455
seasonal variation 452, 455
conferences 6142
Cyamopsis tetragonoloba 8416
estimation, techniques 7507
green manures
Azolla filiculoides 714
Azolla mexicana 1366-1367
Azolla microphylla 714
Azolla pinnata 714
groundnuts 3169, 4149, 8324
Lablab purpureus 4368, 6735
Lathyrus cicera 4148
Lathyrus ochrus 4148
Lathyrus sativus 4148
legumes 479, 481, 4904, 5248, 5805, 7600
oxygen 9280
reviews 6125
Lens culinaris 4148, 7579, 9281
cultivation 8410
determination 455
seasonal variation 455
Lupinus albus 1868, 2468, 4148, 5795
Lupinus angustifolius 4148, 6734, 9281
Lupinus luteus 478, 1867-1868
Lupinus mutabilis, mineral nutrition 5792
Lupinus pilosus 4148
maize, salinity 8950
oxygen, reviews 9280
Panicum miliaceum, rhizosphere 335
Nitrogen fixation *cont.*
peas 387, 478, 3193, 4148, 6661-6662, 7001, 9281
cultivation 8410
mineral nutrition 395, 406, 6659
soil amendments 7502
Phaseolus vulgaris 1812, 4103, 6615, 6701
estimation 1141
fertilizers 3205
mineral nutrition 4848
mycorrhizas 1143, 9234
pH 5758
water stress 3205
reviews 478, 2096
rice 972, 1024
books 5250
rye, rhizosphere 113
soyabeans 342, 359, 478, 1081, 2398, 3138, 4024, 4368, 4787, 5672, 5676, 6606, 6612, 6614-6615, 6619-6620, 6662, 7411, 7437, 7451, 7574, 8293, 9161, 9164
carbon dioxide enrichment 352
composts 3949
cultivars 360-361
cultivation 3077
databases 8292
drought 8291
fertilizers 3082, 3146, 5626
growing media 6613
herbicides 9122
light intensity 352
measurement 4019
mineral nutrition 1761, 1763, 3247, 7452, 8291, 9152
oxygen 352
pollution 4786
relative humidity 6602
reviews 363, 1084
rotations 6618
salinity 8287, 8291
seed treatment 7405
soil 4021
soil amendments 5633
source sink relations 3150
temperature 362, 3151, 9150
water stress 353, 1080, 3139, 4783, 8278
sugarcane 2653, 5177, 8613
Vicia 416
Vicia benghalensis 4148
Vicia ervilia 4148
Vicia faba 3206, 4148, 4368, 4836, 7507
fertilizers 3205, 5732
herbicides 1125, 3198
intercropping 9204
mineral nutrition 6659
water stress 3205
Vicia narbonensis 4148
Vicia sativa 4076, 4148
fertilizers 4075
mineral nutrition 4075
soil pH 4075
Vigna radiata 3234, 6744
defoliation 1833
Vigna unguiculata 1835, 4149
wheat 856, 3682
growth regulators 7987
rhizosphere 335
Nodulation
books 8708
Bradyrhizobium japonicum, soyabeans 468
Cajanus cajan 6735, 7563, 8394-8396
soil types 1846
Cicer arietinum 454, 1171, 4148, 4151, 4888, 5787, 7578, 8399
cultivars 4889
herbicides 8408
insecticides 8408
salinity 2463
Crotalaria juncea 7563
cultivars, peas 3193
green manures
Crotalaria juncea 8614, 8617
Sesbania aculeata 8614, 8617
Sesbania grandiflora 7331
Sesbania rostrata 8614, 8617
groundnuts 386, 3161, 3169, 7476
fertilizers 5689, 7462, 9173
Nodulation *cont.*
groundnuts *cont.*
fungicides 4035, 8323
insecticides 4035
mineral nutrition 5701
Lablab purpureus 3265, 6735
Lathyrus cicera 4148
Lathyrus ochrus 4148
Lathyrus sativus 4148
legumes 480, 4150, 4434, 4905, 5805, 7600
reviews 4433, 8660, 9156
seed treatment 5802
Lens culinaris 4148, 4151, 7583
fertilizers 6729
Lupinus albus 4148, 7585, 9269
Lupinus angustifolius 4148, 7585
Lupinus luteus 478
Bradyrhizobium 468, 1867
mineral nutrition 468, 5803
Lupinus mutabilis, mineral nutrition 5792
Lupinus pilosus 4148
Mucuna pruriens
fungicides 4035
insecticides 4035
peas 407, 409, 478, 3145, 4063, 4148, 4899, 5744, 6660-6662
fertilizers 406, 7501
growth regulators 9202
mineral nutrition 1105
mycorrhizas 9203
reviews 408
Phaseolus vulgaris 2438, 4855, 4899, 6699, 7523-7524, 8368, 9233
fertilizers 3205
mineral nutrition 1818, 4848
water stress 3205
rape 2630
reviews 478, 2096, 7864
soyabeans 340, 364, 454, 478, 1081, 2398, 3144-3145, 3147, 3149, 4151, 4775, 4787, 4888, 5672, 5676-5679, 6606, 6612, 6619-6620, 6662, 7451, 7453-7454, 9126, 9157, 9159-9162
allelopathy 4014
composts 3949
cultivars 361, 2387
databases 8292
fertilizers 2374, 2402, 3082, 3148, 5626, 9154
growing media 6613
herbicides 9122
mineral nutrition 5803
reviews 1084, 9156
seed treatment 7405
soil 4021
soil amendments 5633, 9155
temperature 3151
water stress 4783
Vicia 416
Vicia benghalensis 4148
Vicia ervilia 4148
Vicia faba 4148, 4899, 6670-6671
fertilizers 3205, 5732
herbicides 3198
mineral nutrition 5803
water stress 3205
Vicia narbonensis 4148
Vicia sativa 4076, 4148, 5744
fertilizers 4075
mineral nutrition 4075
soil pH 4075
Vigna aconitifolia 7538
Vigna radiata 1832, 2441, 4151, 6710, 7529-7530, 8382
defoliation 1833
mineral nutrition 1150
syringaldehyde 1150
Vigna subterranea, soil types 5776
Vigna unguiculata 1835, 3237, 4899, 6711, 7537, 8388
growth regulators 4873
mineral nutrition 4873
wheat, growth regulators 7987
North Africa, potatoes, true seeds, production 2514
North America, agroforestry 3554
Norway
reports
Institutt for Plantefag 1436

Norway *cont.*
reports *cont.*
Institutt for Plantefag, Norges Landbrukshøgskole 6139
Statens Landbrukstilsyn, Frøkontrollen 1435, 7882
Nutrient uptake (*see* plant nutrition, under specific crops see mineral nutrition and mineral uptake)
Oats
air pollution
carbon dioxide 7878
heavy metals 5214
allelopathy 8676
alley cropping, *Eucalyptus* 8625
apical dominance 7388, 7396
carbon dioxide enrichment 3071, 7162
models 7878
cells
plasma membranes
electric potential 862
ion transport 862
metabolic inhibitors 3686
chemical composition
boron 3685
copper 3685
crude protein 4364
dry matter 4364
fibres 865
heavy metals 5214
manganese 3685
nitrogen 7155
oils 7155
phosphorus 4364
potassium 3685, 4364
proteins 865, 7156
rubidium 6547
sulfur 3685
trace elements 5215
chlorophyll, fluorescence 102
climatic change, models 5239, 7878
cold hardening 5219
coleoptiles
auxins 861
cell walls, metabolism 7159
composition, glycoproteins 7159
tropisms, gravitropism 861, 1047
companion crops 3473
crop husbandry 3918
crop management, Kenya, reviews 9086
crop production, USA, Arkansas 3545
cropping systems, strip cropping 3477
cultivars
Denmark 6104, 8638
Italy 7990
UK 9088
USA, Georgia 1743
Barcoo 3692
Expander 100
Kupa 2832
Malgwiri 99
Olgwiri 98
Pallinup 6281
Urano-INIA 101
cultivation
conservation tillage 3476
depth 3698, 6973
discing 3498
no-tillage 3498
ploughing 3498
cutting 4543, 7388, 7396
diseases
barley yellow dwarf luteovirus 7162
Puccinia coronata 102
drought resistance 104
enzymes
adenosinetriphosphatase 4549
carboxy-lyases 103
inhibitors 4547, 4549
lipoxygenase 4547
nitrate reductase 2191
oxidoreductases 4547
phospholipase a2 1538
protein kinase 1538
triacylglycerol lipase 4548
erosion 8839
fertilizers
brown coal 7243
cadmium 5370
cattle manure 3499
composts 6287, 7817

Oats *cont.*
fertilizers *cont.*
copper 5370
crop residues 4378
factory effluents 6287
farmyard manure 189, 2361, 7818
fermentation wastes 6287
fly ash 3685, 7243
lead 5370
magnesium 6543
manures 6972, 8837, 9495
nickel 5370
nitrogen 2361, 3689, 4542-4545, 5369, 6287, 6543, 7155, 7992, 8837, 8841, 8853, 9087, 9495
foliar application 7388, 7396
requirements 7809
sources 326
use efficiency 326, 3493, 7809
NPK fertilizers 189, 2831, 4378, 6637, 7818
phosphorus 2361, 3689, 6543, 6973, 8837, 8841, 8853, 9087, 9493, 9495
residual effects 7157
sources 4545, 7156
use efficiency 3493
pig slurry 3493
potassium 2361, 3689, 4545, 6543, 8837, 8841, 8853, 9087, 9495
poultry manure 189
requirements 9490
models 4546
sewage sludge 109, 5199, 5371
sludges 6637
sulfur 6543
zinc 5370
flooding 2191
frost resistance 5219
gene expression 107
grain
composition
amylose 2190
ash 1536
cadmium 3473, 6282
calcium 2190, 8853
cellulose 4545
copper 3473, 5370, 6282, 6543
heavy metals 106
iron 6543
lead 3473
lipids 1536
magnesium 2190, 8853
manganese 6543
nickel 3473, 5370, 6282, 7160
nitrogen 8853
phosphorus 4545, 8853
potassium 2190, 8853
proteins 1536, 1744, 2190, 4545, 8853
starch 1536
zinc 3473, 3688, 5370, 6282, 6543
naked grain 2190
quality 2190
growth regulators
abscisic acid 104, 746, 6283
auxins 861
benzyladenine 4544
carboxylic acids 3687
chlormequat 7388, 7396, 7992, 8840
cytokinins 746
2,4-D 6284
essential oils 746
ethephon 6976, 7992
ethylene 3071
fusicoccin, binding sites 860
gibberellins 7388, 7396
growth inhibitors 6976
growth retardants 8840
humic acids 8842
IAA 330, 746
jasmonic acid 746, 6283
kinetin 3687
NAA 6284
terpenoids 746
harvesting, harvesting date 97
herbicides
glyphosate 865
prosulfuron 3069
residual effects 3698

Oats *cont.*
herbicides *cont.*
simazine 3698
hypoxia 2191
in vitro culture
growth regulators 6284
protoplasts 1537
regeneration 6284
somatic embryogenesis 6285
intercropping
Brassica nigra 8621
Lathyrus sativus 9272
peas 4364
sunflowers 4364
Trifolium alexandrinum 9483
Vicia faba 8621
Vicia sativa 8837
irradiation
gamma radiation 110
microwave radiation 3920
ultraviolet radiation 759
irrigation 6973
leaf area index 7396, 7992
leaves
composition
cerebrosides 6119
chlorogenic acid 110
proteins 1394, 5219
sphingolipids 6119
damage, light 4394
enzymes 103, 4547
leaf area 7992
metabolism 3687, 5219
proteins 1394
protoplasts, ion transport 862
senescence 3687
light
blue light 2834, 7993
interception 8838
red light 2834
lodging
growth regulators 8840
resistance 8840
mesocotyls, metabolism 2834
metabolic inhibitors, polyamines 4547
metabolic regulators
c-GMP 1537
calmodulin 1537
diacylglycerol 1537
metabolism
ascorbic acid 5205
carbohydrates 2363
chlorophyll 2834, 3687, 4394
glycoproteins 7159
herbicides 3069
lactones 5205
nitrates 2191
phosphorylation 7993
phytochrome 7158
proteins 1394, 5219, 7993
protochlorophyllides 2834
mineral nutrition 9490
iodine 2681
models 4546
nickel, toxicity 7160
nitrogen 2363, 7991
determination 1744
sources 2191
phosphorus 7991
potassium 8842
mineral uptake 9490
cadmium 5371, 6282
caesium 3689
calcium 1537
copper 5370, 6282
heavy metals 7161
magnesium 7243
nickel 5370, 6282
nitrogen 2363, 7243, 9210
phosphorus 5371, 7157, 7243, 8841, 9493
potassium 7243
rubidium 6547
zinc 3688, 5370-5371, 6282
mycorrhizas 109
pests
Acarus siro 4441
Tyrophagus putrescentiae 4441
photoperiod 2365
photosynthesis
abscisic acid 104

Oats *cont.*
photosynthesis *cont.*
diseases 102
gas exchange 102
models 4546
plant competition, weeds 1536, 7395
plant development
photoperiod 2365
temperature 2365
pollution
heavy metals 3499, 7161, 7994
nickel 7160
radionuclides 1747, 3689
precipitation 8837
remote sensing 5368, 9096
respiration 2191
root inoculation, *Rhizobium leguminosarum* 108
root shoot ratio 9091
root systems 9210
roots
composition
cadmium 109, 3499, 6282
copper 3499, 5370, 6282
lead 3499
nickel 109, 3499, 5370, 6282
phosphorus 109
zinc 109, 3499, 5370, 6282
enzymes, inhibitors 1538
growth
growth regulators 6976
seed treatment 6976
metabolism, allelopathins 859
plasma membranes
enzymes 4549
growth regulators 860
rotations 3476, 6964, 7157, 7818, 9483, 9495
row orientation 8839
seed inoculation, *Pseudomonas putida* 6976
seed production 4542
harvesting date 97
seed treatment
fungicides 4369
irradiation 110, 3920
seedlings
development 3071
emergence 3920
growth 1047
root exudates
hydrogen ions 8842
potassium 8842
seeds
abortion 4544
dormancy, dormancy breaking 743
embryos
composition, phenolic acids 2833
metabolism 2833
plant development 2833
enzymes 4548
germination
inhibitors 2833
pollution 8843
seed treatment 3920
storage 4441
metabolism 2363
phenolic acids 2833
set 4544
storage, pests 4441
shoots
composition
cadmium 109, 3499
copper 3499
lead 3499
nickel 109, 3499
phosphorus 109
zinc 109, 3499
soil
aluminium 6282
carbon 6282
heavy metals 6282
phosphorus 7157, 8841
soil amendments
aluminium sulfate 5370
calcium carbonate 5370
lignite 3499
lime 3498-3499, 3685, 4378, 6973
peat 3689
sapropel 7994
straw 3499

Oats *cont.*
soil amendments *cont.*
zeolites 3689
soil conditioners 6287
soil conservation 8839
soil inoculation, *Glomus* 109
soil pH 3685, 6282, 6547
soil properties 84
soil texture 7157
soil types 7157
soil variability 9096
sowing date 96, 8838
sowing rates 96, 4542, 5369, 7388, 7396, 7992
space science 105, 861, 9536
spacing 8839
spikelets
composition
messenger rna 107
proteins 107
development 107
stems
growth 6283
growth regulators 6283
straw
composition
cadmium 3473, 6282
copper 3473, 5370, 6282, 6543
iron 6543
lead 3473
manganese 6543
nickel 3473, 5370, 6282
zinc 3473, 3688, 5370, 6282, 6543
temperature 2091, 2365, 7157
tillering 7388, 7396
translocation
auxins 861
nickel 7160
transpiration, abscisic acid 104
tropisms
gravitropism 105
phototropism 7993
water stress 103-104
water transfer 5372
water uptake 5372
weeds
Kochia scoparia 1536
Veronica hederifolia 7395
yield components 6287
yield correlations 7992
yields, Australia 4449
Oilseed flax *(see Linum usitatissimum)*
Oilseed plants
cultivars, identification, books 7888
fertilizers
potassium 3491
sulphur 6099
mineral uptake, potassium 3491
seeds, lipid bodies, purification 8576
yields, Australia 4449
***Ornithopus sativus*, rotations 6964**
Orychophragmus violaceus
chemical composition, sodium 8575
mineral nutrition 8575
mineral uptake 8575
Oryza *(see* Rice)
Oryza glaberrima
flooding 9048
stems, internodes, length 9048
Osmoregulation, reviews 7854
***Pachyrhizus ahipa*, books 791**
Pachyrhizus erosus
books 791
flowers, removal 5011
growth regulators
chlormequat 5011
2,4-D 5011
maleic hydrazide 5011
NAA 5011
***Pachyrhizus tuberosus*, books 791**
Pakistan
cotton
crop husbandry 5050
yields 5050
Pennisetum glaucum, cultivars 6535
potatoes, cultivars 1907
wheat, cultivars 3606
Panicum
enzymes, malate dehydrogenase 3923
green manures, peas 7394

Panicum *cont.*
photosynthesis, enzymes 3923
Panicum coloratum
enzymes, malate dehydrogenase 3923
photosynthesis, enzymes 3923
Panicum miliaceum
chemical composition 7887
crop husbandry 7887
crop production 7887
cultivation
crop residues, incorporation 325
no-tillage 325
ecology 7887
enzymes, hexosyltransferases 7379
fertilizers, sewage sludge 2058
gene expression, light 6538
grain, composition, proteins 1745
growth 7887
growth regulators
benzyladenine 2353
cytokinins 2353
nitrogen fixation, rhizosphere 335
photosynthesis
carbon dioxide 3070
carbon pathways 6538
models 3070
pollution, pentachlorophenol 7380
production possibilities, reclaimed soils 2058
roots
mechanical properties 6549
penetration 6549
root hairs 6549
seed inoculation
bacteria 335
cyanobacteria 335
seed treatment
bacteria 7380
growth regulators 2353
soil types 2058
sowing date 1376
taxonomy 7887
water use efficiency 325
Panicum miliare *(see Panicum sumatrense)*
Panicum sumatrense
cultivars, India, Himachal Pradesh 9083
fertilizers, nitrogen 9083
intercropping
Cajanus cajan 5184
groundnuts 5184
production possibilities, India, Madhya Pradesh 6540
Papaver somniferum
chemical composition, alkaloids 1321
cultivars, Denmark 8638
enzymes
codeinone reductase (NADPH) 8571
dipeptidyl peptidase 9428
fertilizers, nitrogen 5982
in vitro culture, enzymes 8571, 9428
seed inoculation, *Azotobacter* 5982
soil inoculation, *Azotobacter* 5982
Paraguay, safflower, crop husbandry 5930
Paspalum scrobiculatum
intercropping
Cajanus cajan 7794
Vigna mungo 7794
Vigna radiata 7794
Vigna unguiculata 7794
production possibilities, India, Madhya Pradesh 6540
Pearl millet *(see Pennisetum glaucum)*
Peas
air pollution
carbon dioxide 7878
nitric oxide 7500
ozone 1119
allelopathy 7013
alley cropping, *Populus* 1368
apical dominance, growth regulators 2415
atmospheric pressure 2693
callus, composition, DNA 6654
carbon dioxide enrichment 1789, 1794, 5727
models 7878
catch crops 2062
cells
cell division 4833
cell membranes
binding proteins 4060

Peas *cont.*
cells *cont.*
cell membranes *cont.*
binding sites 477
enzymes 4060
translocation, sugars 4060
cell walls
growth 5717
physical properties 5717
Golgi apparatus 4060
microtubules, orientation 4059
mitochondria, enzymes 4044
nuclei, proteins 4833
peroxisomes 1106
plasma membranes
enzymes 9192
ion transport 5710
chemical composition
amino acids 5193
boron 9209
cadmium 3805
calcium 9209, 9275
crude protein 4364
dry matter 4364
magnesium 9209, 9275
nitrogen 5193, 9200, 9209, 9275
phosphorus 4364, 9200, 9209, 9275
potassium 3269, 4364, 9209, 9275
proteins 3805
chlorophyll, fluorescence 874, 1798, 1822, 3197, 4832, 7494, 7500
chloroplasts
chemiluminescence 1191
cytochromes 1786
enzymes 1109, 1790, 2412, 4046-4047, 4818, 7831, 9191
growth regulators 1112, 7491
membranes 2411, 7500
electron transfer 1787
ion transport 1787, 3184
metabolism 4818-4819
fatty acids 1107
proteins 3180
plasma membranes 7491
proteins 5723
thylakoids 752, 4832, 5709
membranes, enzymes 7486
proteins 5724
translocation 2410, 5724
ultrastructure 752, 4832, 6638, 7500
climatic change 5726
models 7878
cold hardening 6657
cold injury 1191
cold resistance 1191, 8326
cotyledons, composition, binding proteins 1117
crop husbandry
Brazil 2070
China, Ningxia 1100
crop production, India, Bihar 2476
crop residues 7001
cropping systems, UK 6082
cultivars 1808
Belgium 3173, 4815
Bulgaria 474
Denmark 6104, 8638
France 1782
Italy 2406, 8326
Nepal 5707, 8420, 9183
Russia 3174
Switzerland 2407
UK 5708
Adept 3178
Andrea 3175
Greitieji 9184
Kiblukai 9184
Komet 3176
Molinukai 9184
Sonet 3177
cultivation
methods 3466
no-tillage 7480, 8410
damage, mechanical damage 3190
desiccation 2414
diseases
Botrytis cinerea 4815
Erysiphe 4812
Fusarium oxysporum f.sp. *pisi* 3179
Uromyces viciae-fabae 4812

Peas *cont.*
disorders
hollow heart 4042
marsh spot 400
drought 8422
drought resistance 4061, 7499
cultivars 4146-4147
embryos 7494
energy relations 3539
energy requirements 3467
enzymes
acetyl-CoA carboxylase 2411, 3187, 4064
acid phosphatase 9192
adenosine deaminase 6647
adenosinetriphosphatase 9192
alcohol dehydrogenase 2693, 5713
aldehyde oxidoreductases 4821
amine oxidase (copper-containing) 6642-6643
amylases 9199
carbonate dehydratase 1789, 2412
catalase 4824
cofactors, reviews 9189
dihydrofolate reductase 4044
esterases 5804
β-fructofuranosidase 2687, 3190, 5714
fructokinase 1776
fructose-bisphosphatase 9191
fructose-bisphosphate aldolase 2412
β-glucanase 5715, 8333
glucokinase 1776
glucose-6-phosphate dehydrogenase 1776, 2693, 8332
glutathione peroxidase 1791
glutathione reductase (NAD(P)H) 4043, 6649
glutathione transferase 1791
glyceraldehyde-3-phosphate dehydrogenase 2412, 2693
glycogen (starch) synthase 1788
glycosyltransferases 8335
hexosyltransferases 5714, 8335
inhibitors 210, 394, 5721, 6110, 6647, 8422
inorganic pyrophosphatase 4048
isocitrate dehydrogenase 2693
isocitrate lyase 4824
ligases 210, 3186
lipoxygenase 399, 4045, 7500
lyases 4045
malate dehydrogenase 2693, 6645
NADH dehydrogenase 1785, 1790
naringenin-chalcone synthase 6655
nitrate reductase 3189, 3192, 7483, 8331
nitrogenase 1104, 4814
nucleotidyltransferases 4057
oxidoreductases 394, 1108-1109, 1785, 2413, 4820, 4822, 4824, 6649, 6655, 8334
oxo-acid-lyases 4824
peptidases 4046
peroxidases 3188, 4043, 6649
phenylalanine ammonia-lyase 6655
phosphoenolpyruvate carboxylase 2693
phosphoglycerate kinase 2412
phosphoprotein phosphatase 4047, 6641
phosphoribulokinase 2412
phosphoric monoester hydrolases 2412, 6646
proteinases 5721, 7486, 7831
pyruvate decarboxylase 7487
pyruvate dehydrogenase (lipoamide) 3187, 6644
ribulose-bisphosphate carboxylase 1789, 2412, 4822, 6110
ribulose-bisphosphate carboxylase activase 2412
sucrose synthase 5714
superoxide dismutase 1106, 3191, 4043, 4824
transferases 4044, 4818, 5804, 6648
triose phosphate isomerase 2412
trypsin 8422
xanthine dehydrogenase 4824
xanthine oxidase 4824

Peas *cont.*
epicotyls
cell membranes, binding proteins 4050
damage 3183
electric potential 4058
enzymes 3188, 4821, 8335
hydraulic potential 4058
microsomes
enzymes 6648
metabolism 6648
plasma membranes, electric potential 3183
farming systems
energy relations 3539
integrated systems 3472
organic farming 3472
fertilizers 3466
cattle manure, application methods 1780
composts 7479
crop residues 4378
farmyard manure 2674
magnesium, foliar application 390
manganese
application date 400
foliar application 400
sources 400
molybdenum, foliar application 8330
nitrogen 389, 1780, 1796, 2405, 2674, 4042, 4148, 4814, 4899, 5289, 5704, 5712, 6636, 7478, 9182, 9491
use efficiency 387
NPK fertilizers 4378, 6637
organic fertilizers 6989
phosphorus 389, 1780, 2405, 2674, 3171, 4042, 4814, 5705, 6636, 7478, 9182
foliar application 390
potassium 2674, 6636
foliar application 390, 1102
poultry manure 391
requirements 9490
sludges 6637
sugar factory waste 6636
sulfur 3172
foliar application 390
trace elements, foliar application 390, 5706
field experimentation, experimental design 9273
flowering
flowering date 5711
mineral nutrition 9201
pollution 9201
flowers
buds, abortion 8340
gynoecium, senescence 4054
senescence, growth regulators 1111
frost resistance 6657
fungicides
benomyl 6663
captan 6663
quintozene 6663
gene expression
carbon dioxide enrichment 1789
irradiation 8342
light 7497
growth
dynamics 2409
growth regulators 4826, 6650
photoperiod 4826
growth regulators 3695
abscisic acid 4061, 6651, 6657
amino acids 390
ancymidol 4053
Antonik 1781
auxins 405, 1792, 2692, 5715
benzolinon 388, 1781
benzyladenine 9198
Biostim 388
brassinosteroids 4051, 7492
cytokinins 405, 2415, 4827
binding sites 1112
2,4-D 9198
endogenous growth regulators 6656
epibrassinolide 1794
ethylene 394, 4050, 4054, 8337, 9202
binding sites, reviews 1135
reviews 1113

Peas *cont.*
growth regulators *cont.*
gibberellins 404, 1792, 4053, 4059, 4826, 5716-5717, 7490, 8336, 9195
growth inhibitors 8337, 9194-9195, 9202
growth promoters 7489
IAA 402, 1394, 4826, 4829, 6650, 7490
Kadostim 388
2-KhEFK 721
kinetin 1794, 9198
metribuzin 388
NAA 2415, 9198
naphthylphthalamic acid, binding sites 4825
oligosaccharides 4052
phenylacetic acid 4049
polyamines 1111, 1793
Rastim 388, 1781
salicylic acid 403
Supresivit 388
thidiazuron 8339
triacontanol 7491
zeatin riboside 4827
harvest index, models 5729
harvesting, harvesting losses 7477, 9181
heat stress 8340
enzymes 9199
herbicides
bentazone 8327
chlorsulfuron 6638
dichloropicolinic acid 401
imazamethabenz 766
imazethapyr 766
imazosulfuron 8239
paraquat 4043, 8327
phenmedipham 2855
quizalofop 2855
tolerance 8327
toxicity 766, 8327
hypoxia 1794
in vitro culture
culture media 9198
embryos, growth regulators 6656
enzymes 1776, 6655
growth regulators 405, 4049, 8339
metabolism, pisatin 6655
regeneration 8339
regenerative ability 405
salinity 1776
salt tolerance 1776
seedlings, growth regulators 6656
somatic embryogenesis 5725
inoculation, *Rhizobium leguminosarum* 3145, 3193, 6662
insecticides
cyfluthrin 1783
dimethoate 1783, 6639
endosulfan 1783
intercropping
barley 387, 2066
oats 4364
rape 9477
sunflowers 4364
Triticum durum 4463
wheat 2066, 6089, 9181
ion transport, light 7497
irradiation, ultraviolet radiation 3196-3197, 4064, 8342
irrigation 1780, 2070, 6989, 8422
fertigation 5704
growth stages 3171
trickle irrigation 5704
land evaluation, Burundi 769
leaves
age 4043
composition
β-carotene 1119
carotenoids, extraction 1773
cerebrosides 6119
chlorophyll 396, 1785, 6639
extraction 1773
DNA 6654
folic acid 4044
lipids 1119
proteins 1394, 2413, 4833, 5727, 8338
silicon 9196
sphingolipids 6119

Peas *cont.*
leaves *cont.*
composition *cont.*
starch 5727
sugars 5727
cuticle, composition, waxes 3197
damage 2409
development 4822
temperature 9193
enzymes 1785, 2411, 2413, 2687, 3186, 3189, 4064, 4824, 5804, 6644-6645, 7500
epidermis, composition, waxes 3197
gene expression 4822
growth regulators 7491
initiation, temperature 9193
metabolism 1119, 4824
chlorophyll 396
folic acid 4044
proteins 1118, 1394
mitochondria
enzymes 6649
metabolism 7485
ultrastructure 6638
nuclei, ultrastructure 6638
oxygen 3196
peroxisomes 4824
enzymes 6649
plasma membranes
ion transport 6640
irradiation 3196
lipid peroxidation 3196
oxygen 3196
protoplasts, ion transport 5710
removal 2409
respiration 2408
senescence 4824
stomatal movement 6651
uptake
betaine 2677
herbicides 2855
light 1798, 7486
red light 6650, 9194
lodging 9181
metabolic inhibitors, chloramphenicol 1785
metabolic regulators 2692
metabolism
antioxidants 1104, 4043
ascorbic acid 1800, 5205
brassinosteroids 4051
carbohydrates 7484
carbon pathways 398
β-carotene 1119
chlorophyll 396, 1800, 2416
fatty acids 1107, 7485
glycerolipids 4817
growth regulators 4820, 4826, 5716
haem 4818-4819
herbicides 8239
lactones 5205
light harvesting complexes 9190
lipids 1119, 1794, 1800
nitrogen 8331
nucleic acids 6651
oxygen 1106, 4824
phosphorylation 1793, 3189, 6651, 9190
pisatin 6655
polypeptides 403
polysaccharides 4060
proteins 1118, 1394, 6651, 6657, 7486
protoporphyrin 4818
starch 5714
sucrose 5714
xyloglucans 6648
mineral nutrition 9490
boron
deficiency 1105, 3269, 8330, 9209
foliar diagnosis 397, 8330
toxicity 397
cadmium 3192
toxicity 3805, 7483, 9188
chromium, toxicity 9201
copper, deficiency 8334
iodine 2681
iron, deficiency 394, 396, 8334
lead, toxicity 2416
manganese, deficiency 400

Peas *cont.*
mineral nutrition *cont.*
molybdenum
deficiency 8330
foliar diagnosis 8330
nitrogen 387, 395, 1104, 4042, 5712, 6659, 6661, 8331, 9203
deficiency 5711
phosphorus 4042
selenium 4392
sulfur 6659
mineral uptake 9490
aluminium 7479, 9538
boron 9209
cadmium 1799
calcium 9209
copper 5712
iron 1108, 5712, 9538
lead 1799
magnesium 394, 9209
manganese 394, 5712, 7479, 9538
nitrogen 1780, 3193, 4814, 7483, 9200, 9209
phosphorus 1780, 4814, 7479, 9200, 9209
potassium 394, 1780, 7483, 9200, 9209
zinc 394, 1799, 5712
mitochondria, enzymes 6644
multiple cropping 2669
rice 6086
mycorrhizas 3195, 6663, 9203
Glomus mosseae 5728
nitrogen balance 4365, 9281
nitrogen fixation 387, 478, 3193, 4148, 6661-6662, 7001, 9281
cultivation 8410
mineral nutrition 395, 406, 6659
soil amendments 7502
nodulation 407, 409, 478, 3145, 4063, 4148, 4899, 5744, 6660-6662
cultivars 3193
fertilizers 406, 7501
growth regulators 9202
mineral nutrition 1105
mycorrhizas 9203
reviews 408
nutation 4829
pesticides 3695
pests
Liriomyza trifolii 1783
Ophiomyia phaseoli 9185
Sitona lineatus 4815
petioles, composition, nitrates 395
pH 4148
photoperiod 4826
photosynthesis 392, 2409
carbon dioxide 5727
electron transfer 396, 3181, 5709, 6367, 7481
gas exchange 2693
growth regulators 1793, 7491
heat stress 874
irradiation 3196-3197
light 1798
light harvesting complexes 396, 874, 9190
light intensity 9187
mineral nutrition 396
net assimilation rate 1780
photoinhibition 1822, 3181-3182, 5709
reviews 7482
photosystem I 1103, 1786, 3180, 4832
photosystem II 396, 874, 1118, 1798, 3180-3182, 3196, 4832, 5709, 6367, 7481, 8328, 9187
reviews 7482
pigments 3182
temperature 1798, 1822, 5709
water stress 1118
plant competition, weeds 4816
plant density 1102
pods
composition, growth regulators 404
development 1793
growth regulators 1111
growth regulators 5716
metabolism 5716

Peas *cont.*
pods *cont.*
pericarp
development 1792
growth regulators 1792
pollen, viability 9201
pollen germination
mineral nutrition 9201
pollution 9201
pollution
aluminium 8341
arsenic 8341
cadmium 1799, 3192, 5221
chromium 8341, 9201
lead 1799
molybdenum 8341
petroleum hydrocarbons 6123
selenium 8341
zinc 1799
protoplasts
growth regulators 7491
plasma membranes 7491
reclamation 9537
remote sensing, reflectance 9549
respiration
inhibitors 1785
photorespiration 2413, 9187
reviews 9186
root exudates, protons 467
root inoculation
Bacillus pumilus 3179
Rhizobium 2469
Rhizobium leguminosarum 3194, 4148
root nodules 408
composition
messenger rna 399
proteins 399
enzymes 399, 1104
metabolism, antioxidants 1104
respiration 1104
senescence 1104
root shoot ratio 5727
roots
bacteria 3195
cell division 7488
cell membranes, permeability 467
cell walls 4828
composition, polyuronides 4053
cells
composition, proteins 7498
development 7498
composition
copper 5221
glycerolipids 4817
magnesium 5221
manganese 3192, 5221
nitrate 3192
nitrates 395
nitrogen 7483
potassium 3192, 5221, 7483
proteins 5728, 8338
zinc 5221
distribution 8715
enzymes 394, 3187, 8332
growth 4828, 5717, 6652, 6658
allelopathins 7013
pH 467
length 8715
mechanical properties, measurement 4834
meristems
composition, proteins 4833
mitosis
betaine 4784
proline 4784
trigonelline 4784
metabolism 4817, 8239
mineral uptake, iron 1108
mitochondria, ultrastructure 6638
moisture content 7483
nuclei, ultrastructure 6638
plasma membranes
enzymes 8334
lipids 9188
plastids, metabolism, carbon pathways 398
tropisms 4828, 7493
gravitropism 1114
hydrotropism 1114
turgor 4828

Peas *cont.*
roots *cont.*
ultrastructure 3179
vascular system 8332
water potential 4828, 7493
rotations, maize 2064
salinity 1776
salt tolerance 9192
seed characteristics 3170
seed development
enzymes 5714
metabolism 5714
seed inoculation
Bradyrhizobium japonicum 4063
Pseudomonas 232
Rhizobium 232
Rhizobium fredii 4063
Rhizobium leguminosarum 361, 395, 407, 4062, 9281
strains 406
seed quality, mineral nutrition 4042
seed testing 3170
seed treatment
calcium chloride 1101
fungicides 4369
glycerol 1101
herbicides 401
magnetism 5193
seedlings
composition
binding proteins 4057
DNA 6654
proteins 8338
sugars 9197
cotyledons, growth regulators 2415
development 9277
emergence 3170
enzymes 1791, 6642-6643
growth 9277
insecticides 6639
growth regulators 403, 9194
metabolism, lipids 1794
seeds
aging 4835
composition
amino acids 1796, 4830, 5722
ash 4830
carbohydrates 4142, 9214
fat 4830
fats 5718, 9279
fibre 5718
glycoproteins 4055
heavy metals 6741
lectins 4831
linoleic acid 9279
linolenic acid 9279
lipids 7015, 7496
manganese 6742
maturity stage 5722
minerals 2405, 4830, 5722
nitrogen 3194, 6663
phosphorus 6663
polyphenols 4830
polysaccharides 5719
proteins 1115, 1796, 4056, 4830, 4835, 5718, 5722, 7495-7496, 8338, 9279
saponins 5720
starch 4830, 5718-5719, 7496
sucrose, determination 1116
sugars 4142, 7496
trace elements 6636
vitamin E 9279
zinc 6742
development 4142, 5720
growth regulators 5716
metabolism 5716
disorders 4042
embryos
cuticle, fluorescence 7838
enzymes 1788
growth 7838
heat shock 2092
metabolism, carbohydrates 3185
enzymes 3191, 4820, 5714, 8422, 9189
germination 4833, 6112, 8341
herbicides 401
insecticides 6639
seed treatment 401
ultrastructure 4823

Peas *cont.*
seeds *cont.*
germination *cont.*
water stress 1797, 3170, 4146, 7499
imbibition 4823, 6112
metabolism
proteins 4056
reviews 9189
provenance 3170
storage 4438
viability 1101
vigour 1101
translocation
amino acids 8329
sugars 393
uptake, amino acids 8329
viability 4438, 4835
vigour 4042
vitrification 4438
water relations 3170, 7015
senescence
growth regulators 4826
photoperiod 4826
shoots
composition
aluminium 7479
copper 5221
growth regulators 1795
magnesium 5221
manganese 3192, 5221, 7479
nitrate 3192
nitrogen 4148, 7483
phosphorus 7479
polysaccharides 1795
potassium 3192, 5221, 7483
zinc 5221
enzymes 3192
moisture content 7483
soil
bacteria 3195
nitrogen 406
phosphorus 5705
soil amendments
lime 4378, 7479-7480, 9275, 9538
limestone 5705
straw 7502
soil compaction 3720, 9200
soil conservation 3466
soil fertility 9537
soil inoculation
Bacillus 9203
Bradyrhizobium japonicum 4063
Gigaspora rosea 6663
Glomus etunicatum 6663
Glomus mosseae 6663, 9203
Rhizobium fredii 4063
Rhizobium leguminosarum 4062
soil pH 9275, 9538
soil physical properties 6658
soil structure 3720
sowing date 4812-4813, 6635, 8325-8326
sowing methods 3466
sowing rates 2066, 9181
space science 1416, 9536
spacing 4813, 6635, 9182
stems
cell division 8336
composition, polysaccharides 6653
enzymes 5715, 6646, 8333
growth regulators 2415, 7490
internodes, growth regulators 6650
mitochondria, enzymes 4048
water relations 1110
stipules, development 1793
storage, deterioration 1800
temperature 1798, 2091, 9193, 9199
translocation
betaine 2677
growth regulators 402, 4827
iron 1108
nitrate 3192
nitrogen 7483
photosynthates 2687
potassium 7483
source sink relations 2409
sugars 393
transpiration 7483
tropisms
gravitropism 1114, 4829, 6652
hydrotropism 1114, 4828, 7493

Peas *cont.*
water stress 1110, 1118, 2414, 7498
water use efficiency 3171, 5704
weed control
cultural control 4463
herbicides 2110, 4815
yields
models 5729
stability 2406
Pennisetum, yield forecasting, remote sensing 2352
Pennisetum americanum *(see Pennisetum glaucum)*
Pennisetum glaucum
agroforestry 4367, 6084, 9476
allelopathy 6536
Acacia tortilis 2351
wheat 8677
alley cropping
Azadirachta indica 6084
Cassia siamea 1583
Dalbergia sissoo 6084
Eucalyptus camaldulensis 1583
Eucalyptus tereticornis 1583
Leucaena leucocephala 1583
Parkia biglobosa 1583
Prosopis chilensis 1583
Vitellaria paradoxa 1583
carbon dioxide enrichment, determination 3073
chemical composition 7887
minerals 9080
cold resistance 7378
crop husbandry 7887
crop production 7887
Namibia 3910
cropping systems 2067
cultivars
Botswana 3055
genotype environment interaction 5598
India, Haryana 4746
Malawi 3056
Namibia 3057-3058
Okoa 5600
Pakistan 6535
stability 5598
Tanzania 3036, 3059
Zimbabwe 3037, 3897
Benkadi Nio 5601
ICMV-IS88102 5601
SDMV89004 5599
TSPM91018 5600
cultivation
conservation tillage 9079
deep tillage 7376
depth 9079
interrow cultivation 3054
mechanization 2067
drought resistance 1733
cultivars 4746
ecology 7887
energy relations 7008, 8618
energy value 5188
evapotranspiration 9077
models 742, 4744
farming systems
intensive farming, models 8199
sustainability 5596
fertilizers 1732
farmyard manure 1039, 3054, 5197, 7376
nitrogen 320, 1039, 4743, 5187, 5197, 8200-8201, 9077, 9079
models 5603
NPK fertilizers 7814, 8202
phosphorus 320, 5197, 8201, 9077
sources 9492
requirements 575, 5197
use efficiency 575
grain, composition, proteins 320, 9079
growth 7887
heat flow, models 4744
herbicides, atrazine 3054
intercropping
Cajanus cajan 319, 5183, 5188, 6083, 6085
Cyamopsis tetragonoloba 7797
Phaseolus vulgaris 319
sesame 5187
Vigna mungo 319

Pennisetum glaucum *cont.*
intercropping *cont.*
Vigna radiata 319, 5187
Vigna unguiculata 7797
irrigation, waste water 1726
leaf area index 1734, 9081
leaves
canopy 7342
composition
elements 7470, 7472
phosphorus 3060
leaf area 7472
orientation 7342
senescence 1733
weight 7472
light
absorption 6083
use efficiency 6083
mineral nutrition
models 3060
phosphorus, deficiency 3060
potassium, foliar diagnosis 8204
mineral uptake
caesium 9082
nitrogen 320, 7377, 9079
models 5603
phosphorus 320
potassium 8204
zinc 9082
mulches
crop residues 320, 1732
dust 7376
plastic film 3054
straw 7376
multiple cropping
Brassica juncea 5197
Cuminum cyminum 5197
wheat 5197
mycorrhizas 1726
photosynthesis
determination, models 7342
mineral nutrition 3060
models 3060
plant competition, weeds 2350
plant composition, nitrogen, models 5603
plant density 7378, 9077
plant height 7378
pollution, radionuclides 9082
precipitation 3478, 8199
production possibilities
India
Haryana 7036
Maharashtra 6085
root systems 7797
roots, depth 7377
rotations 5183, 9492
runoff 8199
seed inoculation
Azospirillum 8201
Azotobacter chroococcum 1039
bacteria 8201
seed production 3911
seedbed preparation 320, 5597
seedlings, growth, allelopathy 8206
seeds
composition, oils 4745
germination
accelerated aging 5226
allelopathins 6093
allelopathy 2351, 6536, 8206, 8677
mulches 6093
storage 5226
temperature 7378
physical properties 4745
size 4745
storage 5226
viability 5226
shading 9476
shelterbelts 1038
soil
nitrogen 5596
phosphorus 3060, 5596
potassium 8204
soil fertility 575
soil types 7036
soil water content 1734
sowing, comparisons, transplanting 3890
sowing date 1376, 8618, 8628
sowing methods 320, 5597
direct sowing 2067

Pennisetum glaucum *cont.*
sowing rates 8200
spacing 9078
taxonomy 7887
temperature 7378
heat sums 9081
transpiration 7470
antitranspirants 3054
transplanting
comparisons, direct sowing 3890
seedling age 3890
water relations 1733
water requirements 4402
water stress 1733
growth stages 8205
water use 3054, 7008, 7376, 9077
water use efficiency 3054, 7008, 7376, 9077-9078
weed control
cultural control 2350
integrated control 2350
manual weed control 2350
weeds
parasitic weeds 3068
Striga hermonthica 321, 3068
yield components 9081
yield correlations 8203
yield forecasting 9081
remote sensing 5602
yields
estimation 6537
India, Haryana 9076
models 8207
Namibia 3910
Pennisetum typhoides *(see Pennisetum glaucum)*
Perilla frutescens, cultivars, Bagsangdlggae 679
Pesticides
machinery, application equipment 761
rice 1673
Phacelia
sowing methods 5194
sowing rates 5194
Phalaris arundinacea
biomass production 2052
cutting date 2052
fertilizers, nitrogen 2052
Phalaris canariensis
chemical composition 1739
production possibilities, Hungary 1739
taxonomy 1739
Phaseolus
growth regulators, ethylene, reviews 1113
land evaluation, Burundi 769
pests
biological control 9316
integrated control 9316
pollination 8537
seeds, composition, amino acids 4144
taxonomy 4144
Phaseolus aconitifolius *(see Vigna aconitifolia)*
Phaseolus acutifolius
enzymes, inhibitors 427, 2439
leaves, metabolism 7519
metabolism, amino acids 7519
salinity 7519
seeds
composition
inhibitors 2439
proteins 427
Phaseolus angularis *(see Vigna angularis)*
Phaseolus aureus *(see Vigna radiata)*
Phaseolus calcaratus *(see Vigna umbellata)*
Phaseolus coccineus
chemical composition, lectins 3230
chlorophyll, fluorescence 4105
chloroplasts, ultrastructure 3229
leaves
anatomy 3229
leaf area 3229
mineral nutrition
cadmium 3229
toxicity 4105
photosynthesis
photosystem II 4105
pollution 4105
protoplasts
ion transport 4104
swelling 4104

***Phaseolus coccineus* cont.**
seeds
composition
fats 9279
linoleic acid 9279
linolenic acid 9279
proteins 9279
vitamin E 9279
Phaseolus lunatus
cultivars, Australia, Queensland 5760
damage, mechanical damage 432
fertilizers
liquid fertilizers 432
seaweeds 432
growth regulators, cytokinins 432
harvesting, methods 5760
intercropping 7796
plant competition, weeds 7796
seeds
composition, proteins 1144
drying 2106
sowing date 5760
weed control, methods 5760
***Phaseolus mungo* (*see Vigna mungo*)**
***Phaseolus radiatus* (*see Vigna radiata*)**
Phaseolus vulgaris
acclimatization, temperature 6697
agricultural meteorology 7852
air pollution
acid rain 4102, 7862
ammonia 2095
carbon dioxide 7878
hydrochloric acid 2095
hydrogen sulfide 1531
ozone 3224-3227, 4100-4101, 7520, 8367
protectants 3224-3226, 8367
radionuclides 1531
solvents 2095
sulfur dioxide 2095, 4854
allelopathy 7516, 8365, 8676
cabbages 6699
carbon dioxide enrichment 6696
models 7878
cells
cell division 4423
cell membranes, binding sites 477
cell walls, composition, proteins 9228
cold injury 4423
composition, heat shock proteins 4091
plasma membranes
composition, pigments 1138
enzymes 1138
translocation, ascorbic acid 3217
ultrastructure 4423
chemical composition
acetylcholine 749
aluminium 8359
amino acids 4097
arsenic 4098
boron 3685
caesium 1823
calcium 6686
copper 3685
manganese 3685
minerals 3219, 4087
nitrogen 417, 6686
phosphorus 417
potassium 417, 3685, 4097, 6686
proline 4097
proteins 4097
radionuclides 1823
sulfur 3685
thallium 7521
chilling 1140
chlorophyll, fluorescence 1822, 3223, 4101, 7494, 8686
chloroplasts, chemiluminescence 1191
climatic change 5726
models 7878
cold injury 1191, 6696
reviews 4423
cold resistance 1191
companion crops
maize 3216
okras 3216
sorghum 3216
cotyledons, enzymes 1814
crop husbandry
Brazil 2057

***Phaseolus vulgaris* cont.**
crop husbandry *cont.*
Cuba 6673
cultivars 1808
Argentina 1809, 8357
Belgium 4815
East Africa 3214
Egypt 7508
France 7511
India
Madhya Pradesh 2424
Uttar Pradesh 6675
Nepal 8420
Slovakia 6678
Southern Africa 3214
Turkey 3211
UK 5708
AC Skipper 1811
Aurie de Bacău 4083
Curi-INIA 6679
FT Nobre 8358
Hatton 6684
Spearfelt 1810
UI137 6681
UI228 6682
UI239 6683
UI911 6680
cultivation 1812
conservation tillage 3476
crop residues, incorporation 5749
ploughing 4370
defoliants, paraquat 9105
defoliation 9105
diseases
bean common mosaic potyvirus 3216
Fusarium oxysporum f.sp. *phaseoli* 3226
Fusarium solani f.sp. *phaseoli* 2425
tobacco mosaic tobamovirus 3227
tobacco necrosis necrovirus 3227
drought 8422
drought resistance 4095
dry matter distribution 9227
embryos 7494
enzymes
acid phosphatase 8363
alkaline phosphatase 6702
amylases, inhibitors 6690
cellulase 4850
chitinase 2425
cysteine proteinases 4849
endopeptidases 4849
esterases 5804
glycosidases 3220, 9226
inhibitors 427, 4089, 8422
lipoxygenase 6687
lyases 1814
nitrate reductase 6686, 6700
nitrogenase 4848, 6701
oxidoreductases 1138, 3221
pectinesterase 9224
peroxidases 6687
phenylalanine ammonia-lyase 6688
phosphoenolpyruvate carboxylase 9222
phosphoric monoester hydrolases 1131
phosphotransferases 9518
proteinases 6689
ribulose-bisphosphate carboxylase 429, 1132, 9231
serine proteinases 4849
superoxide dismutase 4854
transferases 5804, 9225
trypsin 8422
establishment, seed quality 1127
evapotranspiration 6677, 7515
fertilizers
calcium, sources 4080
composts 4081
farmyard manure 4377
fly ash 3685
foliar application 4375
magnesium 4847
manures 8352
molybdenum 8354
application date 8355
nitrogen 417, 421-422, 428, 1812, 2897, 4077-4078, 4845-4846, 4899, 5747, 6695, 7522, 8351, 8354, 9221

***Phaseolus vulgaris* cont.**
fertilizers *cont.*
nitrogen *cont.*
application date 7510
foliar application 2423
requirements 8360
NPK fertilizers 4079, 4081, 4375
organic fertilizers 4377
phosphorus 1805, 1812, 5748
potassium 3205, 8352
poultry manure 4081
seaweeds 8636
sewage sludge 729, 4377, 8352
slurries 4377
trace elements 4375
zinc 428, 4846
application methods 1807, 6107
foliar application 6107
sources 1807
flowering, temperature 4096
flowers
gynoecium, development 426
removal 1133
frost injury, measurement, techniques 4858
fungicides, TCMTB 5571
gene expression, growth regulators 6691
green manures, *Mucuna aterrima* 5749
growth
growth rate 6674, 8364
models 5752
temperature 1821
growth analysis 2422
growth regulators
abscisic acid 746, 2432, 6691, 9230
ACC 2432
adenine 6691
benzyladenine 2436, 4849, 6691
cytokinins 746
essential oils 746
ethephon 2432
ethylene, binding sites, reviews 1135
forchlorfenuron 4853
gibberellins 2436, 4849, 4853, 5753, 6691
growth inhibitors 1134, 1136
IAA 746, 6692
jasmonic acid 746, 4850
lepidimoide 6692
mefluidide 1140
methyl jasmonate 4850
NAA 4849
paclobutrazol 2432
picloram 6691
terpenoids 746
thidiazuron 6691
triacontanol 418
uniconazole 4854
zeatin 6691
habit, determinate and indeterminate habit 5746
harvest index 2422
harvesting 9227
harvesting losses 420
heat resistance 6697
heat stress 4096
herbicides
alachlor 4084
EPTC 4084
ethametsulfuron 765
glyphosate 9232
imazamethabenz 766
imazethapyr 766, 4084
residual effects 765
tolerance 4084
toxicity 766
hypocotyls
growth 1134
light 1134
plasma membranes, proton pump 6697
tonoplast, proton pump 6697
in vitro culture
culture media 2436
enzymes 4849
growth regulators 2436, 4849, 4853
metabolism
proteins 2436
suberization 9225
regeneration 2436, 4853
relative humidity 2437

***Phaseolus vulgaris** cont.*
in vitro culture *cont.*
somatic embryogenesis 4853
insecticides
dimethoate 9232
furathiocarb 5571
intercropping 7796
Brassica carinata 8542
cabbages 6699
cassava 4363
maize 2897, 5424, 6965, 8354
mangoes 3207
Pennisetum glaucum 319
potatoes 6965
rape 8542
wheat 6965
irradiation, ultraviolet radiation 4856-4857
irrigation 4079, 5747, 8422, 9219
fertigation 417
furrow irrigation 1806
irrigation scheduling 4845
models 1806
saline water 3213, 6677, 7509
sprinkler irrigation 2422
leaf area index 6674
leaves
cell membranes
ion transport 7517
osmoregulation 7517
composition
ascorbic acid 2433
calcium 2423
cerebrosides 6119
chlorophyll 3224
determination 2085
copper 9223
growth regulators 9230
iron 9223
manganese 9223
nitrogen 2423, 4102
phosphorus 2423
potassium 2423
proteins 1394
sphingolipids 6119
sulfur 4102
zinc 9223
damage 4100
light 4394
enzymes 1131-1132, 1814, 5804, 6686-6687, 6700, 9518
gas exchange 2437, 8364
leaf area, estimation 8686
leaf conductance 5751
metabolism 2429-2430, 3227, 7519
proteins 1394
nastic movements 1137, 6693
plasma membranes
metabolism 6687
permeability 6687
pulvini 7517
cell membranes, electric potential 9229
light 9229
removal 1129, 9220
stomata, development 2437
stomatal resistance 5751, 9230
thickness 8364
tropisms, phototropism 1137
turgor 6696
water content 6696
water potential 1140, 6696, 9230
water stress 5751
light
blue light 1137, 9229
far red light 1137, 4094, 9229
interception 5757
red light 1137, 9229
reflectance 5757
light intensity 1821
maturity stage 2422
cultivars 5746
metabolism
acetylcholine 749
amino acids 4103, 7519, 9222
carbohydrates 6701
chlorophyll 2429, 4394, 4854, 8636
dopa 3221
enzyme inhibitors 4088
enzymes 1814
explosives 4099

***Phaseolus vulgaris** cont.*
metabolism *cont.*
growth regulators 2432
lipid peroxidation 6687, 9232
lipids 2429
malonaldehyde 4854
nitrogen 6701
organic acids 7513
phosphorus 6702
pigments 2429
proteins 1394, 3227, 6689, 8362
pyrocatechol 3221
sucrose 4103
sugar phosphates 1131, 4088
sugars 2430, 9222
ureides 4103
mineral nutrition 1812
aluminium
toxicity 8359
determination 3218
boron, deficiency 3269
cadmium
interactions 425
toxicity 425, 2427, 6686, 6700
calcium 5758
iron 9223
deficiency 424-425, 2426-2427, 3219
interactions 425
toxicity 425, 2427
magnesium 4087, 4847
manganese, toxicity 7825
molybdenum 4086
nickel, toxicity 8361
nitrogen 5758, 9223
deficiency 7512
determination 8360
foliar diagnosis 8354
sources 3219
phosphorus 1813, 2428, 6702
deficiency 1130, 2438, 4848, 9222
potassium 1818-1819, 8352
thallium, toxicity 7521
zinc
application methods 6107
foliar application 6107
toxicity 6687
mineral uptake
aluminium 8359, 9538
arsenic 1824, 4098
cadmium 3228, 6686
caesium 2185
calcium 6698
copper 3228, 9223
iron 424, 9223, 9538
magnesium 6698
manganese 9223, 9538
molybdenum 4086
nickel 3228
nitrogen 421, 430, 1805, 4078, 6686, 9234
phosphorus 421, 430, 1143, 1805, 4078
determination 6106
potassium 421, 430, 4078, 6698
thallium 7521
zinc 1807, 3228, 6107, 9223
multiple cropping 1370
mycorrhizas 1142
Gigaspora margarita 1143
Glomus 6699
Glomus clarum 1143
Glomus etunicatum 1143
Glomus manihotis 1143
Glomus mosseae 3228
nitrogen fixation 1812, 4103, 6615, 6701
estimation 1141
fertilizers 3205
mineral nutrition 4848
mycorrhizas 1143, 9234
pH 5758
water stress 3205
nodulation 2438, 4855, 4899, 6699, 7523-7524, 8368, 9233
fertilizers 3205
mineral nutrition 1818, 4848
water stress 3205
pests 768
petioles
abscission 6692

***Phaseolus vulgaris** cont.*
petioles *cont.*
abscission *cont.*
growth regulators 4850
growth regulators 6692
phenology 3209
photoperiod 3209
photosynthesis
air pollution 3224-3225, 4101
carbon dioxide 6696, 9231
chilling 6696
electron transfer 4101, 5750, 9231
enzymes 429, 1132, 9231
light intensity 1817
mineral nutrition 425, 9222
photoinhibition 1821-1822, 5750, 9231
photosystem I 1821, 5750
photosystem II 425, 2427, 4101, 5750
pollution 425
precipitation 429, 1132, 5750
temperature 1820-1822, 3222-3223
plant competition, weeds 423, 1128, 7796
plant density 1804, 3211, 4077-4078, 4844, 9221
plant development, models 5752
plant morphology 4093
plant physiology, monitoring, techniques 4435
pods
composition
calcium 1139, 8353
chlorophyll 6694
proteins 4851
enzymes 9224
moisture content 6694
quality 1812
cooking quality 6694
maturity stage 6694
pollution
arsenic 1824, 4098
cadmium 425, 3228, 5221, 6686, 6700, 9232
caesium 1823
cement dust 7521
explosives 4099
nickel 3228
radionuclides 1823, 2185
selenium 9232
precipitation 428, 1132, 4846, 5750
protected cultivation, plastic tunnels 7508
relative humidity 2437
remote sensing 3532, 4859
respiration 2427, 2438, 4090
isotope fractionation 6685
photorespiration 9222
reviews 9218
root inoculation, *Rhizobium etli* 6703
root nodules
development 7591
permeability, oxygen 2438
senescence 6701
ultrastructure 7591
techniques 7591
root systems 4095
analysis 8366
rooting, growth regulators 2432
roots
composition
copper 5221
magnesium 5221
manganese 5221
nitrogen 4102
potassium 5221
sulfur 4102
zinc 5221
enzymes 1814, 2425, 6686, 6701
growth 1818-1819
models 4852
metabolism 6701
morphology 1818
models 4852
respiration 6701
root hairs 1819
ultrastructure 8361, 8423
rotations 3476
maize 5749
wheat 9105
salinity 3221, 4097-4098, 6677, 6698, 7509, 7519

Phaseolus vulgaris *cont.*
salt tolerance 4097
seed inoculation
Azospirillum 1418
Gliocladium virens 3208
Rhizobium 9233
Rhizobium leguminosarum 1418, 8368
Rhizobium phaseoli 421-422, 1143, 2422, 6615, 7522
strains 1142
Rhizobium tropici, strains 4855
seed production 2424
Cuba 6673
seed quality 5756
storage 2431
seed testing 8369
seed treatment
accelerated aging 8350
Bacillus subtilis 5571
boron 417
cobalt 417
fungicides 5571
growth regulators 2432
insecticides 5571
matriconditioning 5571
molybdenum 417
soaking 1815
soaking/drying 8350
thiamin 1815
zinc 417
seedlings
cell walls, metabolism, polysaccharides 4850
development 9277
emergence, seed treatment 3208, 5571
enzymes 4850
growth 1815, 9277
treatment
calcium 1140
magnesium 1140
potassium 1140
seeds
accelerated aging 431
colour 2434
composition
amino acids 5755-5756, 9261
ascorbic acid 4080
calcium 4080
carbohydrates 422
carotenes 8668
fats 422, 9279
fibre 422, 9261
glycosides 476
iron 422
lectins 4092
legumin 7518
linoleic acid 9279
linolenic acid 9279
minerals 422, 9261
phosphorus 1807
proteins 422, 427, 2434, 4846, 5754-5756, 8356, 9261, 9279
sugars 5755
trace elements 9261
trypsin inhibitors, determination 1816
vitamin E 9279
zinc 1807
cotyledons
mechanical properties 2435
metabolism 3221
moisture content 2435
development 7514
enzymes 9226
electrical conductivity 8369
embryos, metabolism 3221
enzymes 3220, 6689, 8363, 8422, 9224
germination 431, 3220
allelopathy 7516, 8365
enzymes 3221, 9226
hard seeds 2431
metabolism 3221
salinity 3221
seed treatment 1815, 8350
storage 2431
temperature 3221
harvesting, damage 419

Phaseolus vulgaris *cont.*
seeds *cont.*
mechanical properties 2435
metabolism 8362
moisture content 2435
number, determination 1812
size 8356, 8364
threshing, damage 419
ultrastructure 7514
vigour 1127, 8356, 8369
water relations 7514
weight 2434
shading 1817, 3219, 6695, 9223
shelterbelts 430
shoots
composition
copper 5221
magnesium 5221
manganese 5221
nitrogen 6699
phosphorus 6699
potassium 5221
zinc 5221
growth 5753
water potential 1818
soil
erosion control 7039
phosphorus 1805
soil amendments
ethylene diurea 4100
gypsum 8353
lime 729, 3685, 9538
magnesian limestone 8356
potassium nitrate 4097
soil conditioners 3213
soil inoculation
Glomus aggregatum 1142
Glomus mosseae 3228
Glomus pallidum 1142
Rhizobium 5759
Rhizobium leguminosarum, strains 1825
Rhizobium tropicii 3205
Sclerocystis microcarpa 1142
soil pH 3685, 9233, 9538
soil water 1815, 1818-1819
soil water content 428, 3205, 8423, 9230
sowing 4844
comparisons, transplanting 8368
sowing date 2422, 3209-3210, 3212, 6674-6675, 7508
cultivars 5746
sowing rates 428, 4846, 8386
spacing 3211-3212, 3216, 4077-4078, 5748, 6676, 6699, 8351, 8386
symbiosis, *Rhizobium tropici* 6702
temperature 1815, 1820-1821, 2091, 3221-3223, 4096, 6696
translocation
iron 424
magnesium 4847
nitrogen 1817
photosynthates 1129-1130, 4085
potassium 4085
source sink relations 1129, 4103
transpiration 4090, 4854, 6696
light intensity 1817
transplanting, comparisons, direct sowing 8368
tropisms
heliotropism 6693
phototropism 7517
uptake, explosives 4099
water stress 1140, 1818-1819, 2429, 3205, 4095, 9230
carbon dioxide 6696
chilling 6696
water uptake 5221
water use efficiency 3213, 4845
waterlogging 8423
weed control, herbicides 2110, 4815
weeds
Amaranthus hybridus 423
Ambrosia artemisiifolia 1128
yield components 3215, 6675
cultivars 2424
temperature 4096
yield correlations 4082, 5746, 6678
yields, estimation 3215
Phaseolus vulgaris* × *P. coccineus
seeds, composition, amino acids 4144

Phaseolus vulgaris* × *P. coccineus *cont.*
taxonomy 4144
Philippines
rice
cropping systems, reviews 2275
sowing, surveys 2281
Vigna radiata, climate 2446
Photoperiod, reviews 5218
Photosynthesis
air pollution 3523
books 1446, 2736
carbon dioxide
models 2093, 8639
reviews 9561
carbon pathways, reviews 9503
carotenoids, reviews 2076
climatic change, models 6105
determination, models 7342
diseases, reviews 7870
environmental factors, books 2737
gas exchange
apparatus 7865, 9544
techniques 7865
water relations, reviews 754
light
apparatus 9544
measurement, apparatus 760
models 6105
light harvesting complexes
reviews 7829
temperature, reviews 1573
measurement, techniques 4408
models 3500, 4380, 6993
oxygen, reviews 1384
photoinhibition, reviews 9501
photosystem I, reviews 9506
photosystem II 5204
reviews 5200, 7829, 9505, 9507-9508
pigments, reviews 9504
research, history 4382
reviews 4381-4382, 6992
temperature, models 6105
Phytochrome, reviews 2696, 7848
Pigeonpeas (*see Cajanus cajan)*
Pisum sativum (*see* Peas)
Plant competition
light, reviews 7848
models 7855
reviews 9479-9480
weeds 9479-9480
models 2375
Plant density, yield correlations, models 758
Plant development
growth regulators, reviews 7847
light, reviews 7847
models 2080-2081
photoperiod, reviews 7851
phytochrome, reviews 7851
reviews 2097, 9523
Plant morphology
measurement, apparatus 9544
reviews 7837
Plant nutrition (*see also* fertilizers, mineral nutrition and mineral uptake under specific crops)
books 8711
boron, deficiency, reviews 4390
computer software 7808
deficiency 2679
reviews 4385
foliar diagnosis 2679
models 3505
iodine, reviews 2681
iron
deficiency 4386
reviews 4387
techniques 4388
models 2702, 7808, 7824
nitrogen 7000, 8643
books 8705, 8710
reviews 7003, 9512
potassium, books 9581
sulfur, reviews 7828
trace elements, reviews 7002
Plant physiology 6150
books 5254
conferences 8702
environmental factors
books 3559, 5253
reviews 2698
stress factors, books 3559

Plants
dictionaries 7889
nomenclature, dictionaries 4461
Poland
agricultural meteorology 2713
Amaranthus
cultivars 5159
production possibilities 5159
Cicer arietinum, cultivars 9257
drought 2717
field experimentation 9543
frost 2713
potatoes
bibliographies 2560
cultivars 2510
precipitation 2713
soyabeans
crop husbandry 2367
cultivars 3954
temperature 2713
Vicia faba, seed production 9205
Pollen
cell walls, reviews 2084
chemical composition, lipids, reviews 1411
Pollen tubes, growth, reviews 1403
Pollination, reviews 5213
Pollution (*see also* Air pollution)
aluminium, peas 8341
arsenic
barley 6308
cassava 2565
maize 7300
peas 8341
Phaseolus vulgaris 1824, 4098
benzopyrene
maize 1545
rye 1545
beryllium, soyabeans 4016
cadmium
barley 3701, 8875
Lens culinaris 4129, 4893
maize 1532, 1545, 3228, 5221, 7021, 8642
peas 1799, 3192, 5221
Phaseolus vulgaris 425, 3228, 5221, 6686, 6700, 9232
potatoes 4988, 5823, 8642
rice 2977-2978, 5221, 8172-8173
rye 1545
soyabeans 7021, 7451
sugarbeet 2496, 8642
tobacco 7021
Vicia sativa 1799
wheat 854, 1532, 2977, 4534, 7127, 8642
caesium
Phaseolus vulgaris 1823
potatoes 1823
cement dust
Crotalaria juncea 632
Phaseolus vulgaris 7521
rape 7521
Vicia faba 4071
wheat 2821
chlorinated hydrocarbons, soyabeans 1078
chromium
cereals 757
legumes 757
maize 1417
peas 8341, 9201
potatoes 757
sunflowers 757, 1417, 9396
Vicia faba 1417
copper
barley 6308
Lens culinaris 4129, 4893
maize 1545, 7021
rice 8172
rye 1545
soyabeans 7021
tobacco 7021
explosives, *Phaseolus vulgaris* 4099
factory effluents
maize 2950
sunflowers 1296
wheat 8832
fluoranthene, barley 5404
heavy metals
barley 2225, 7205
Pollution *cont.*
heavy metals *cont.*
Czech Republic 7861
Echinochloa colonum 1736
fodder beet 6754
maize 1657
oats 3499, 7161, 7994
potatoes 4989
radishes 3499
reviews 4432
sunflowers 1296, 3499
wheat 6184, 7161
lead
maize 1532, 7021
peas 1799
reviews 8682
rice 303, 8172
Sinapis alba 7174
soyabeans 7021
tobacco 7021
triticale 7174
Vicia sativa 1799
Vigna radiata 4865
wheat 854, 1532
maize 6406
mercury
cassava 2565
Lens culinaris 4129, 4893
rice 303
mine spoil, *Vigna unguiculata* 8388
molybdenum, peas 8341
nickel
maize 3228
oats 7160
Phaseolus vulgaris 3228
ozone, soyabeans 4786
pentachlorophenol, *Panicum miliaceum* 7380
petroleum hydrocarbons
maize 6123
peas 6123
wheat 6123
polychlorinated biphenyls
maize 1545
rye 1545
radionuclides
barley 1747
maize 3689, 9539
oats 1747, 3689
Pennisetum glaucum 9082
Phaseolus vulgaris 1823, 2185
potatoes 22, 1823, 9539
rape 1308
rice 1722
rye 1747
Sinapis alba 9539
sorghum 9082
wheat 22, 1747, 2185
selenium
peas 8341
Phaseolus vulgaris 9232
sewage effluent
maize 1545
rye 1545
sunflowers 1296
strontium
maize 1417
rice 1722
sunflowers 1417
Vicia faba 1417
sulfadimethoxine, barley 2873
thallium
maize 1532
wheat 1532
zinc
Lens culinaris 4129, 4893
maize 7021
peas 1799
rice 8172-8173
soyabeans 7021
tobacco 7021
Vicia sativa 1799
Portugal
potatoes, cultivars 4954
triticale, cultivars 5383
Potatoes
acclimatization 566
agricultural research 6758
Developing Countries 6757
India 8430
Potatoes *cont.*
air pollution
carbon dioxide 7878
fluorine 2824
heavy metals 5214
alley cropping, *Populus* 1368
anoxia 3320
antiseptics, Metacide 2556
bibliographies, Poland 2560
carbon dioxide, reviews 4982
carbon dioxide enrichment 4424, 6782, 9330
models 7878
cells
mitochondria, enzymes 4044
peroxisomes, ultrastructure 5951
plasma membranes 4202
chemical composition
caesium 1823
chromium 757
heavy metals 5214
nitrate nitrogen 3305
nitrates, determination, techniques 2531
phosphorus 3318
proteins 2512, 7642
radionuclides 1823
starch 2480
trace elements 5215, 6098
chlorophyll, fluorescence 1933
chloroplasts
thylakoids
heat stress 2549
permeability 2549
climate 2544-2545
climatic change
models 2552, 5239, 7878
USA 2552
cold hardening, cultivars 5834
cold resistance 4201
crop husbandry
books 5251
Brazil 2070
computer software 5835
crop management
fertilizers, usage 6759
Kenya, reviews 9347
pesticides, usage 6759
crop production, models 576
cropping systems 6760
cultivars 1901, 1921
Czech Republic 4939, 8455
Denmark 9500
Egypt 1207
genotype environment interaction 513
Germany 8451
India 9310
Himachal Pradesh 539, 9311
Indian Punjab 8459
Karnataka 8453
Madhya Pradesh 512
Iran 511
Italy 2526-2527, 9307
Jordan 4953
Mauritius 8452
Netherlands 9309
Pakistan 1907
Poland 2510
Portugal 4954
Slovakia 3313
Switzerland 7635
Ukraine 7634
USA
New York 547
Washington 547
AC Belmont 516
AC Brador 515
AC Chaleur 514
AC Novachip 517
BAMIRA 1911
CIPIRA 1911
EPAGRI 361-Catucha 518-519, 3314
Gladiator 1912
Kiwitea 1910
Kufri Ashoka 9313
Kufri Jawahar 9312
Kufri Sutlej 9314
Namsuh 521
NorDonna 4955
OAC Ruby Gold 1216
OAC Temagami 1217

Potatoes *cont.*
cultivars *cont.*
Portage 1908
Proloog 1214
Remarka 1215
St. Johns 520
TUBIRA 1911
White Baron 1909
Zhongshu-3 4184
cultivation
chiselling 4178
crop residues, incorporation 3475
depth 22, 3475
discing 4178, 8627
equipment 1903
harrowing 8627
minimum tillage 528, 8627
no-tillage 1897
ploughing 3299, 3311, 4178, 5192, 8627
ridging 7624
ripping 7624
rolling 3299
rotary cultivation 3299, 3311, 4926, 7624
subsoiling 3299, 4178, 5192
defoliants, diquat 3303
defoliation 3303
desiccants
buminafos 4938
diquat 503, 2513, 4197, 4938-4940
DNOC 503
glufosinate 502-503, 4939
paraquat 8436
dew, prediction 4986
diseases 4442
Alternaria solani 3317
Colletotrichum coccodes 548
Erwinia carotovora 5819
Helminthosporium solani 545, 549
Phoma exigua var. *foveata* 545, 5819
Phytophthora infestans 546-547, 1221-1222, 1230, 1917, 3308, 4988, 5819, 7623, 7647, 9302, 9304
biological control 1916
models 5239
potato leaf roll luteovirus 3307
potato y potyvirus 5819
Rhizoctonia solani 545, 549, 1223-1224
Streptomyces 1918-1919
Streptomyces scabies 1224
tomato spotted wilt tospovirus 9317-9318
control 1920
disorders 4960
blight 4940
chlorosis 5824
necrosis 5824
drought, monitoring 9327
drought resistance 7648
dry matter accumulation 8457
enzymes
adenosinetriphosphatase 3319, 4187, 4202, 7648
adenylate kinase 4187
amylases 1228, 2533, 4188, 4964
carboxy-lyases 4192
catalase 6786
catechol oxidase 4963
chitinase 7647
β-cyanoalanine synthase 9321
dihydrofolate reductase 4044
β-fructofuranosidase 2548, 2558, 7638, 7648
fructokinase 7638
fructose-bisphosphatase 2532
glutathione reductase (NAD(P)H) 3319
glutathione transferase 3319
glyceraldehyde-3-phosphate dehydrogenase 7648
glycosyltransferases 4966
hexokinase 7638
hexosyltransferases 1228, 2548, 4965, 5833, 6382, 7648
inhibitors 3320, 7639
malate dehydrogenase 1923
malic enzyme 1924
NADH dehydrogenase 1923

Potatoes *cont.*
enzymes *cont.*
nitrate reductase 5837
nucleotidyltransferases 5833, 7638, 7648
ornithine decarboxylase 4192
oxidoreductases 4967, 6774
peroxidases 4988, 6786
phosphoenolpyruvate carboxylase 7648
phosphofructokinase 6772
phosphorylase 1228, 6773
phosphotransferases 2532, 9518
protein kinase 3324, 4189, 5826, 6322
proteinases 7639
pyruvate dehydrogenase (lipoamide) 1924
succinate dehydrogenase 3320
sucrose synthase 2548, 7638, 7648
superoxide dismutase 1230
transferases 4044
equipment, seed tubers, treatment, fungicides 718
establishment, clonal variation 5820
evapotranspiration 6775-6776
models 499, 557
farming systems 6760
alternative farming 2504, 3475
organic farming 1451-1452, 1895-1896, 2060, 2504, 7623
traditional farming 2504
fertilizers
biogas slurry 8448
boron 508, 4945, 6769
calcium 4945
cattle manure 510, 2521
cattle slurry 2524
chloride 4944
composts 509, 1915, 4952, 7816, 8450
crop residues 3475, 4378
farmyard manure 22, 508, 725, 1899, 3299, 3310-3312, 3486, 4377, 4951, 7632, 7818, 8440, 8446, 8448, 8450, 8637, 9306, 9539
residual effects 1212, 7633
foliar application 4375
iron, foliar application 1906
liquid fertilizers 4945
magnesium 22, 510, 6098
manganese 6769
manures 4952, 9495
nitrogen 22, 510, 531, 551-552, 756, 1227, 1905, 1921, 2504, 2521, 2523-2524, 2531, 2556, 2673, 3298, 3306-3308, 3310, 3486, 4932, 4934, 4937, 4944-4945, 4947, 4961, 4990, 5196, 5821-5822, 6098, 6767, 6770, 6987, 7628, 7816, 8431, 8433, 8438, 8444, 8446, 8448, 9302-9304, 9324, 9495
application methods 506, 3305, 4178, 6768
economics 4183
foliar application 2525, 6768
requirements 8454
slow release fertilizers 3305
sources 1918, 4946, 5196
use efficiency 2522, 3493, 4183, 9326
NPK fertilizers 510, 725, 1899, 2071, 3312, 4375, 4378, 4952, 7818, 8449, 8637, 9306
residual effects 7633
oilseed cakes 8448
organic fertilizers 510, 2673, 4377, 5196, 9324
phosphorus 22, 723, 1905, 2521, 2524, 2556, 3309-3310, 3486, 4934, 4948, 5822, 6098, 6770, 6987, 7630, 8439-8440, 8444, 8446, 9493, 9495
foliar application 4949
requirements 4948, 8632
residual effects 4948
sources 7631
use efficiency 3493
pig slurry 3493, 4926, 4944

Potatoes *cont.*
fertilizers *cont.*
potassium 22, 1905, 2521, 2524, 2556, 3310, 3486, 4934, 4950, 5822, 6098, 6770, 6987, 8441-8442, 8446, 9495
application date 1904, 9305
application methods 1904
sources 507, 8443
poultry manure, residual effects 7633
requirements 575
rice bran 5196
rice straw 5196
rye straw 2524, 3312
sawdust compost, residual effects 7633
seaweeds 8449
sewage sludge 729, 4377, 5199
slurries 3475, 4377
sodium humate 6769
straw 9539
sulfur 1906, 7630
sources 8447
use efficiency 8447
trace elements 4375
foliar application 1899, 2525, 6768
use efficiency 575
zinc
application methods 6107
foliar application 6107
flowering, reviews 7640
frost resistance, cultivars 5834
fungicides 9302, 9304
carbofuran 9317
chlorothalonil 3317
cuprous oxide 1917
difenoconazole 3317
imazalil 548
malathion 9317
mancozeb 546, 3317
metalaxyl 1917
monocrotophos 9317
pencycuron 1224
phenylamides 546
phorate 9317
prochloraz 548
tebuconazole 3317
thiabendazole 2556
tolclofos-methyl 1224
gene expression
adenosylmethionine decarboxylase 1229
glucose-1-phosphate adenylyltransferase 553, 555
growth regulators 4977
isopentenyl transferase 562
oxidoreductases 554
tubers, dormancy 3324
water stress 7648
genotype environment interaction 1213
grafting 5201
tomatoes 1934
gravity 6783
green manures 3475
Lolium multiflorum 3312
Phacelia 4951
rape 523
Raphanus sativus 4926
rye 4951
Sinapis alba 2524, 3299, 3311
Sorghum sudanense 523
Trifolium pratense 3312, 6081
Vicia 4926, 4951
Vicia faba 4951
growth
climate 2544-2545
models 2534, 4204-4205, 4971-4972, 4974-4976, 4984, 4990, 6784
books 5252
growth analysis 1921, 2538
growth regulators 3695
abscisic acid 692, 1230, 1232, 1925, 4978, 8456, 9320
Atonik 501
auxins 1925
benzyladenine 500, 562, 567, 1925, 3302, 3320, 4979, 9322
brassinosteroids 6980
carbon disulfide 1231
chlormequat 567, 1231, 9322

Potatoes *cont.*
growth regulators *cont.*
chlorpropham 2555, 5838, 6785, 7652
cytokinins 562, 1925, 1929, 4199, 4978
Cytozyme 501
Ergostim 501
ethephon 2556
ethylene 4191, 4943, 9321
fusicoccin 8667
gibberellins 500, 1231, 1233, 3302, 4179, 5829, 6761
growth inhibitors 1233
growth promoters 2512
IAA 1925, 3302, 5829
IBA 566-567
jasmonic acid 561, 563, 4199, 8665
2-KhÉFK 721
kinetin 567
methyl jasmonate 559, 4977
monoammonium phosphate 1231
NAA 500, 566-567, 5829, 6777
oligoadenylates 9301
paclobutrazol 4937, 5831
plant extracts 3578
polyamines 4192
residues 5838
Rindite 1231
salicylic acid 9322
thiamin 6975
thidiazuron 5829
thiourea 1231
tryptophan 7649
zeatin 3302, 5829
harvesting
damage 6764-6765
equipment 1903
harvesting date 1235, 1897, 3303, 3308, 4930, 4940, 6766, 7636, 8436
machinery 4941
haulm destruction 8436
methods 502
haulms
composition
nitrogen 4946
potassium 1904
cutting 4197
desiccation 502, 2513, 4197, 4938-4939
pulling 4197
regrowth 2513
cultivars 4939
removal 4940
heat resistance, cultivars 4196
heat stress 2548-2549
herbicides
alachlor 522, 763
atrazine 763
Bay foe 5043 2109
bentazone 526-527
butylate 763
clethodim 7866
cyanazine 4957
2,4-D 763
dicamba 763
ethametsulfuron 765
fenoxaprop-P 7866
fluazifop-P 7866
fluchloralin 522
haloxyfop 7866
imazamethabenz 766
imazethapyr 766
linuron 529
MCPA 4956
metolachlor 528-529, 763, 1219, 4957
metribuzin 525, 527-529, 532, 763, 1219-1220, 4959
oxyfluorfen 522, 3315, 4958
paraquat 522
pendimethalin 522
prometryn 763
propaquizafop 7866
quizalofop-P 7866
residual effects 765
rimsulfuron 525-526, 529, 1220
sethoxydim 4957
tolerance 4959
toxicity 527, 529, 766

Potatoes *cont.*
hydroponics, planting stock 8437
in vitro culture 709
aeroponics 4961
anther culture 569, 1930
regeneration 570
cryopreservation 4981
culture media 566-567, 3325, 9322
enzymes 6773-6774, 7647
growth regulators 562, 566-567, 4192, 4199, 5829, 5831, 9322
initiation, tubers 9322
light 3325
blue light 1932
green light 1932
quality 1932
red light 1932
light intensity 1238
metabolism 7647
growth regulators 8456
micropropagation 1238, 1931, 2517, 3327, 8460
microtubers 5830
mineral nutrition 4202
organogenesis 562, 567, 1211, 3326, 5831-5832
photoperiod 5830, 5832
protoplast culture 568
regeneration 569, 5829, 5831
regenerative ability 568
salinity 4202
seed tubers, production 1237
temperature 1931, 4200
tubers, initiation 1929
insecticides
botanical insecticides 3316
carbaryl 536
deltamethrin 536
dimethoate 535
methamidophos 1914
monocrotophos 1914
oxydemeton-methyl 1914
triazophos 9315
intercropping
Brassica campestris 2061
Eruca vesicaria 4185
Jerusalem artichokes 5818
maize 493, 7222
Phaseolus vulgaris 6965
wheat 2061
irradiation, ultraviolet radiation 759
irrigation 497, 558, 741, 1223, 2070, 2501, 2511, 2513, 4990, 8442, 8461
fertigation 552
furrow irrigation 8435
irrigation requirements 719
irrigation scheduling 249, 498, 597, 1900, 4180, 6763, 7222
models 499
reviews 496
saline water 4181
sprinkler irrigation 4936
trickle irrigation 8435
land evaluation, Burundi 769
leaf area, measurement 7650
leaf area index 2521
leaves
anatomy 565, 4196
canopy, development, reviews 4970
composition
calcium 9330
chloride 4181
chlorophyll 1233, 2512, 2521, 2531
glucosides 1928
glycoalkaloids, determination 4193
iron 1906
jasmonic acid 561
magnesium 9330
nitrates 2531
nitrogen 4178, 9330
phosphorus 4178, 7630
potassium 4178, 4181, 9330
sodium 4181
starch 9330
sulfur 7630, 8447
zinc 4178
damage 7641
dry matter accumulation 4947
enzymes 1924, 4188, 9518

Potatoes *cont.*
leaves *cont.*
gas exchange 9323
growth regulators 692
leaf area, estimation 3328
metabolism 5834, 7641
mitochondria, composition, proteins 1075
stomata 2530
stomatal movement 7648
stomatal resistance 556, 572, 2530, 9323
water potential 556
light 5824
blue light 1932
green light 1932
interception 497, 2522, 2545
quality 1932
red light 1932
use efficiency 497
light intensity 1225
reviews 4982
maturity stage, cultivars 3321
metabolic regulators, cadmium 7637
metabolism
actin 7647
ascorbic acid 6786
carbohydrates 5834
chlorophyll 1932
fatty acids 9320
glutathione 7637
glycolysis 6772
growth regulators 561
hydrogen peroxide 7637
jasmonic acid 561
lipid peroxidation 6786
mycotoxins 4396
NADH 1923
nucleic acids 4187
organic acids 4186
phytochelatins 7637
phytochrome 7158
polyamines 4192
proline 5834
proteins 4977, 5834, 7641
reviews 4383
starch 5833
sterols 5834
sucrose 2548, 5833, 7638
sugars 2532, 7638
mineral nutrition
cadmium 7637
calcium 550, 4202
deficiency 2528
iron 3325
nitrogen 2673, 3298, 4202, 4946, 4961
determination 1922
foliar diagnosis 552, 1922, 2531, 8454
models 4985
phosphorus 2673, 3318, 8632
foliar diagnosis 6771
potassium 2673
deficiency 507
zinc
application methods 6107
foliar application 6107
mineral uptake
cadmium 8642
caesium 9539
iron 1906
nitrate 4202
nitrogen 1227, 2071, 3305, 4178, 4934, 4946, 5196, 7649, 8431, 8440, 8447, 8457
growth stages 551
models 4962
phosphorus 4934, 7630, 7649, 8440, 8447, 9493
models 4962
potassium 4934, 7649
models 4962
strontium 9539
sulfur 7630, 8440, 8447
trace elements 6987
zinc 6107
mulches 3315
barley straw 1218
plastic film 2509-2510, 6766, 7636, 8434

Potatoes *cont.*
mulches *cont.*
straw 1915
wheat straw 1218
multiple cropping 7798
nitrification inhibitors 3305
nitrogen balance 2673
pesticides 3695
pests 768, 4442
Agriotes 534
Agrotis ipsilon 534
Aleyrodidae 535
Aphididae 538
Aphidoidea 3304
biological control 9316
Globodera pallida 542
Globodera rostochiensis 540
models 5239
integrated control 9316
Leptinotarsa decemlineata 537-538, 1915, 3316
Lygus 534
Meloidogyne 540, 543
Meloidogyne chitwoodi, models 5239
Meloidogyne incognita 544
Myzus persicae 535
control, integrated control 1914
Phthorimaea operculella 536, 539
Phytoseiidae 535
plant parasitic nematodes 4185
Polyphagotarsonemus 9315
Pratylenchus penetrans 540-541
Thysanoptera 535
photoperiod 2544-2545, 2550, 5832, 6782
photosynthesis
cultivars 1921
heat stress 2549
light intensity 1225
net assimilation rate 2521
photosystem II 2549
temperature 572, 1225, 1933
water stress 692, 1933
water table 9326
phytochrome 1233
plant density 2508, 4933-4934, 6762, 7628, 8433
plant development
climate 2544-2545
clonal variation 5820
models 4972, 4975
planting, computer software 5835
planting date 2507, 2523, 8438
planting stock 566-567, 1211, 3302, 5819, 7629, 8432
cuttings 8437
micropropagation 8437
pollution
cadmium 4988, 5823, 8642
caesium 1823
chromium 757
heavy metals 4989
radionuclides 22, 1823, 9539
production, India, Orissa 505
reclamation 9537
remote sensing, identification 6127
respiration, temperature 572
roots
composition
jasmonic acid 561
nitrogen 4946
growth 2529
measurement, techniques 2535
respiration 2529
uptake, nitrogen 2529
rotations 3475, 5182, 6081, 7818, 9495
barley 3298, 7632, 8637
Lupinus albus 8431
maize 541, 2064
Medicago sativa 541, 8431
Melilotus officinalis 541
oats 7632
Phleum pratense 3298, 7632
rye 7632
Sorghum halepense 541
Sorghum sudanense 541
Trifolium 3298
Trifolium pratense 8637
Vicia villosa 8431
wheat 7632, 8637
salinity 573-574, 2551, 4181, 4202
Potatoes *cont.*
salt tolerance 573-574
cultivars 2551
sap
composition
nitrate 5836
potassium 5836
seed production, Australia 5820
seed quality 3306
seed treatment
growth regulators 4179, 5827
potassium 4179
scarification 5827
seed tubers
age 8438
aging 9299
chitting 2510, 2513
dormancy breaking 1231, 6761, 7625-7627
growth regulators 1231
harvesting, harvesting date 7625
inoculation, *Azotobacter* 7649
planting date 1899
planting rates 1898, 1905, 2506
production 1209, 1211, 3307, 6762, 7629
Argentina 3302
growth regulators 4943
India, Uttar Pradesh 1901-1902
Italy 2506
Netherlands 1210
Slovenia 3304, 4942
Syria 2517
true seeds 1208, 2515, 2518, 2520
water stress 2546
seed pieces 3300, 5818
size 1207, 1898, 2503-2504, 2506, 3308, 4930-4931, 5821
sprouting 1231, 4928, 5819, 6785, 7625-7626
sprouts, removal 9333
storage 5819, 5830, 6785
antiseptics 2556
deterioration 2556
fungicides 2556
growth regulators 2556
light 9333
temperature 9333
treatment 3308
carbon dioxide 7627
carbon disulfide 7625-7626
carbon disulphide 6761
electric field 4929
ethylene 7627
fungicides 1224, 4927, 6975
growth regulators 501, 6761, 6785, 6975
oxygen 7627
weight 2505
seedbed preparation 533, 2501, 4926, 4932
shelterbelts 9328
shoots
composition
dry matter 2543
nitrogen 2543
pectins 1234
polysaccharides 1234
sugar 2543
development, reviews 7640
enzymes 2548
growth regulators 4979
metabolism, sucrose 2548
soil
nitrogen 551, 4946, 4987, 9329
phosphorus 3310, 3318, 4948, 4987
potassium 507, 3310
trace elements 6987
soil amendments
calcium carbonate 6770
calcium oxide 6770
lime 22, 729, 4378, 5823, 8637, 9539
organic amendments 728
rice straw 4952
sodium humate 22
zeolites 22
soil density 4952
soil fertility 1212, 9537
models 575
soil inoculation
Azospirillum 9331
Potatoes *cont.*
soil inoculation *cont.*
Azotobacter chroococcum 9331
soil pH 5823, 9329
soil physical properties 756
soil temperature 4946
soil types 8438
soil water, models 575, 4985
soil water content 4987
estimation 7306
solar radiation 2544-2545
space science 6783
spacing 2504, 2507, 3305, 4928, 4932, 4935, 6762, 7628
spectral analysis 3530
stems
composition
iron 1906
jasmonic acid 561
growth 5831
growth regulators 4978
taxonomy 1239
temperature 572, 1225, 1933, 2528, 2544-2545, 2550, 4424, 5832, 9330
heat sums 1227, 8461
reviews 4982
translocation
carbohydrates 8627
growth regulators 561
jasmonic acid 561
photosynthates 4978
reviews 4383
sucrose 1226, 1925, 5201
transpiration, determination 7833
true seeds 495, 2502, 2508, 2515, 2518, 2520
composition
abscisic acid 5827
gibberellins 5827
cultivars 494, 1926, 8453
dormancy 5827
dormancy breaking 4179
Ethiopia 2516
germination 4179
seed treatment 5827
production 504, 2519
Middle East 2514
North Africa 2514
reviews 4182
seed treatment 4179
seedlings, production 9300
storage 5827
tubers
aging 3319
anatomy 3321
cell division 3324
cell walls, composition, oligosaccharides 6778
cells
mitochondria 6783
plastids 6783
turgor 4198
ultrastructure 6783
composition
alkaloids 1895
amino acids 5828, 6781, 9303
ascorbic acid 1896, 2510, 3312, 5828
cadmium 2060, 5823, 8455
calcium 6770, 9304, 9329
chloride 4181
chlorophyll, models 9334
copper 751, 6768, 6770, 6780
dry matter 572, 1235, 1927, 2510, 2522, 2525, 3313, 4181, 4953, 4961
determination 7644
elicitors 2542
enzyme inhibitors 7639
fats 7643
fatty acids 7643
folic acid 4044
fungicide residues 1913
glucose
determination 564
techniques 2553
glycoalkaloids 9332
determination 4194, 6779
models 9334
reviews 1236, 4980
heavy metals 2541, 4989

Potatoes *cont.*
tubers *cont.*
composition *cont.*
iron 1906, 6766-6768, 6780
jasmonic acid 561
magnesium 9304, 9329
manganese 6766, 6768, 6780
minerals, determination 7644
molybdenum 751
nickel 8455
nitrates 510, 2510, 2521, 2523, 3321, 3323, 5837, 6769, 7646, 9301, 9324
nitrites 5837
nitrogen 1451, 4946, 4961, 5821, 6781, 7649
organic acids 7645
phenolic acids 5828
phosphorus 2539, 7649, 9304
potassium 1904, 4181, 4950, 7649, 9304, 9329
determination 7644
proteins 1904, 1926, 2521, 3312-3313, 3322, 4950, 6781, 8446, 9325
determination 7644
radionuclides 22
reducing sugars 2547, 2559
determination 7644
sodium 4181
starch 1235, 1904, 1926, 2510, 2521, 2524-2525, 2540, 3303, 3308, 3312, 4181, 4950, 7646, 8446, 9301-9302, 9329
sucrose 2559
determination, techniques 2553
sugars 578, 1235, 1904, 1926, 2510, 2542, 2557, 4961, 5828, 8446
trace elements 6987
zinc 751, 6768, 6780, 8455
damage 5822, 6765
mechanical damage 1230
reviews 6764
reviews 579
development 1233, 4192, 5826, 7638
disorders 2528
hollow heart 7628, 7636
internal brown spot 7628
internal browning 7636
dormancy 2536-2537
growth regulators 1232
reviews 8458
storage 3324
temperature 3324
dry matter accumulation
photoperiod 2550
reviews 4969
temperature 2550
enzymes 1228, 1230, 2532-2533, 3319, 4192, 4383, 4963-4967, 4988, 5826, 5833, 6772-6773, 7638-7639, 9321
greening
light 9334
temperature 9334
growth 2522, 3326, 4192
defoliation, models 4969
photoperiod 2550
models 4969
temperature 2550
models 4969
growth period 3301
growth regulators 8665, 9321
initiation 2504, 5832, 7638, 9322
growth regulators 1925
injuries 4186
maturity, determination, techniques 2553
mechanical properties 4197-4198, 6765
metabolism 4186, 4192, 5833, 6772, 7637-7638
carbohydrates 3185
folic acid 4044
glutathione 3319
glycoalkaloids 9332
growth regulators 1232, 4191
starch 4383

Potatoes *cont.*
tubers *cont.*
metabolism *cont.*
sucrose 1228
sugars 1228, 2532
mitochondria
binding proteins 9319
composition, proteins 1075
electron transfer 3320, 4187
enzymes 3320, 4187
metabolism 1923, 4187
plasma membranes
ion transport 5825
proton pump 5825
necrosis 1230
peel
composition
calcium 2528
elements 8459
quality 1235, 1926, 8435
cooking quality 1452, 2524
cultivars 9308
processing quality, cultivars 7634
seed tubers 4940
size 500, 2508, 2540, 8435
sprouting 578, 3301, 3319
growth regulators 721, 1232
inhibitors 560, 577, 2559, 4927
storage 3324
temperature 3324
storage 4198, 4964, 7042, 9334
antiseptics 2556
carbon dioxide 7651
composition, sugars 7651
deterioration 2556, 9301
enzymes 2558, 5837, 6786
fungicides 2556
growth regulators 2556, 9301
models 2555
metabolism 1228, 6786, 9332
sugars, reviews 2558
quality 8443
sprout inhibition 7652
sprouting 577, 2554, 2559, 7651, 8443
storage decay 1240
temperature 578, 2532, 2554, 2557-2558, 5822, 5837, 6786, 7651, 9332
treatment, growth regulators 7652
ultrastructure 3326
water stress 5833
wound periderm, composition, amides 4195
vegetative propagation 7629
cuttings 8437
micropropagation 5824, 5830, 8437
growing media 2543
sprouts 1899
water relations 556, 4968
water stress 692, 1933, 2546-2547, 4190, 4990, 5833, 7648, 9327
growth stages 571, 8461
models 4973, 4983
reviews 4982
tolerance, cultivars 4196
water table, depth 9326
water uptake 741, 4417, 4968
water use 558, 725, 6775-6776
water use efficiency 2501, 4190, 7222
weed control
cultivation 524, 532, 1219, 4957
cultural control 4958
earthing up 3315
herbicides 533, 1421
hoeing 3315
integrated control 531
manual weed control 522, 3315
physical control 524, 530-531, 533, 763, 1421
weeds 4442
Amaranthus hybridus 525
Amaranthus retroflexus 525, 527, 763, 1219
Ambrosia artemisiifolia 529, 1219-1220
Brachiaria platyphylla 1219
Brassica nigra 1219
Cenchrus longispinus 523
Chenopodium album 525, 527, 529, 763, 1220

Potatoes *cont.*
weeds *cont.*
Cynodon dactylon 7866
Datura stramonium 525, 1220
Digitaria sanguinalis 525
Echinochloa crus-galli 763
Eleusine indica 1219
Galium aparine 526
Galium tricornutum 526
Lamium amplexicaule 1219
Orobanche ramosa 1218
Panicum dichotomiflorum 525, 1219
Pharbitis hederacea 525
Polygonum lapathifolium 763
Setaria faberi 1220
Setaria pumila 763
Setaria viridis 523
Sida spinosa 1219
Solanum sarrachoides 523, 527
Xanthium strumarium 525
wheel tracks 756
yield forecasting, models 4203
yield losses, reviews 767
yields
models 6784
seasonal variation 3313
spatial variation 6784
Precipitation
Australia 2715
barley 5359, 7202
Cajanus cajan 3520
cassava 5848
cereals 5611, 9094
Colocasia esculenta, Western Samoa 4229
cotton 3520, 5065
cropping systems 755
groundnuts 2477, 3520, 9179
India
Andhra Pradesh 7880
Assam 755
Himachal Pradesh 5344
Maharashtra 4448
Tamil Nadu 2716
Linum usitatissimum 2595
maize 184, 1652, 7132, 7923
oats 8837
Phaseolus vulgaris 428, 1132, 4846, 5750
Poland 2713
rice 1715, 3015
rye 111
sorghum 3520, 3889, 7372
soyabeans 2397, 2477, 3520, 9147-9148
sugarbeet 1193, 4171, 6753
sugarcane 6063, 7789
sunflowers 5939
Triticum durum 7979
Vicia sativa 8837
Vigna radiata 2446, 2477
wheat 810, 1450, 2801, 3663, 5339, 5344, 5348, 5359, 6166, 6179, 7063, 7132, 7923
Production possibilities, Brazil 2112
Proso millet (*see Panicum miliaceum*)
Psophocarpus tetragonolobus
flowering, induction 3266
in vitro culture
regeneration 7596
somatic embryogenesis 7596
photoperiod 3266
seedlings, emergence, temperature 3267
seeds, germination, temperature 3267
staking 1872
temperature 3266-3267
tubers, initiation 3266
Pueraria lobata, roots, composition, starch 2480
Puerto Rico, sorghum, cultivars 4738
Radiation (*see also* Light)
Radishes
fertilizers, cattle manure 3499
pollution, heavy metals 3499
roots
composition
cadmium 3499
copper 3499
lead 3499
nickel 3499
zinc 3499

Radishes *cont.*
shoots
composition
cadmium 3499
copper 3499
lead 3499
nickel 3499
zinc 3499
soil amendments
lignite 3499
lime 3499
straw 3499
Rainfall (*see* Precipitation)
Rape
accumulation, selenium 2622
air pollution
carbon dioxide 7878
heavy metals 5214
polycyclic hydrocarbons 2629
carbon dioxide enrichment, models 7878
catch crops 3474, 7998
cells
plasma membranes, enzymes 3408
ultrastructure 747
chemical composition
allelopathins 670
amino acids 3406, 4374
anions 4316
antinutritional factors 9431
calcium 3399, 8550
cations 4316
chlorophyll 2006
copper 3399
elements 7719
glucosinolates 670
glutathione 1301
heat shock proteins 6896
heavy metals 3474, 5214
magnesium 3399
minerals 3474
nitrogen 3399, 3474, 8641
oils 9431
phosphorus 3399
potassium 3399, 8550
determination 1310
proteins 4374, 5108
selenium 3400
sodium 8550
sulfur 1301
thallium 7521
trace elements 6098
chloroplasts
electron transfer 2621
membranes, enzymes 3709
climatic change, models 7878
cold hardening 5219
cold resistance 7732
growth regulators 9036
conferences 4457
continuous cropping 7712
cotyledons
chlorophyll, breakdown 2223
senescence 2223
crop production, India, Rajasthan 6920
cropping systems
strip cropping 5957
UK 6082
cultivars
Australia 5962
BLN971 6886
Denmark 8638, 9500
Italy 5134, 6879-6884
Turkey 5104
USA, Georgia 1993
BLN973 6885
Clancy 6885
Drum 6886
GSL2 9403
PGSH51 9404
Scoop 6887
Siren 1994
cultivation 6092
depth 6973
harrowing 9397
no-tillage 764, 5961, 8721
ploughing 764, 9397
reduced tillage 8721
desiccants
dimenthene 4300, 4313, 4315, 4318
dimethipin 4313, 4318
diquat 4300, 4313, 4318

Rape *cont.*
diseases 7795
Aspergillus flavus, control 2111
Leptosphaeria maculans 7712
Plasmodiophora brassicae 7723
Rhizoctonia solani 5961
Verticillium dahliae 7712
drought resistance 2002, 3411, 7730
dry matter accumulation 2666
energy requirements 3467
enzymes
acetyl-CoA carboxylase 5964
acid phosphatase 4299
acyl-CoA dehydrogenase 7724
adenine phosphoribosyltransferase 7727
adenosinetriphosphatase 3408
alkaline phosphatase 4299
ATP citrate lyase 5964
carboxy-lyases 7729
carboxylic ester hydrolases 7724
carnitine palmitoyltransferase 7724
catalase 2624, 4789, 6902, 8546
chlorophyllase 3709
β-fructofuranosidase 6894
glutathione reductase (NAD(P)H) 6892
hexosyltransferases 6894
hydrolases 1301
nitrate reductase 4299, 8552
nitrogenase 2630
nucleotidyltransferases 6892
ornithine decarboxylase 7729
oxidoreductases 7727, 7732
oxo-acid-lyases 7724
peroxidases 4299, 4789, 5965, 6892, 8546
phosphoenolpyruvate carboxykinase 1303
proteinases 3406
ribulose-bisphosphate carboxylase 6888
sucrose synthase 6894
superoxide dismutase 2624, 4789, 6902, 8546
transferases 5963
triacylglycerol lipase 4312-4313, 7724
detection 6895
urease 8641
establishment 6092
reviews 1299
farming systems
alternative farming 7795
extensive farming 2620
fertilizers
boron
application methods 3401
foliar application 5103, 5960
residual effects 3401
cattle manure, application date 3402
chlorine 4374
composts, application date 3402
crop residues 4378
farmyard manure 725, 4306, 4316
residual effects 3486
magnesium 6098
molybdenum 7090
nitrogen 756, 3486, 4308, 4311, 4374, 5957, 6097-6098, 6874, 6921-6922, 7720, 8553
application date 3402, 6878
application methods 5959
foliar application 4300, 6878, 6902
requirements 5135, 7809
sources 3398-3399
use efficiency 7809
NPK fertilizers 725, 4306, 4316, 4378, 7090, 9399
phosphorus 723, 3486, 6098, 6876, 6921-6922, 6973, 7719-7720
deficiency 1300
requirements 7810, 9402
residual effects 5102, 7157
sources 3399, 5102, 6875
potassium 3486, 6098
sources 3399
selenium 3400, 7090
slurries 9399
sulfur 4311, 6877, 7090

Rape *cont.*
fertilizers *cont.*
sulfur *cont.*
application date 8543
sources 7721
trace elements
application date 6878
foliar application 6878
zinc 7090
deficiency 1300
foliar application 5103
flowering, water stress 9433
flowers
composition, boron 1302
gynoecium
enzymes 3408
ultrastructure 8549
frost resistance 5219
gene expression, temperature 7732
growth, growth rate 6922
growth analysis 2082, 3409
growth regulators
abscisic acid 1306, 7726
aminobenzotriazole 9036
auxins 669, 2692, 7728, 9408
binding sites 1305
benzyladenine 2003, 6901, 7728
cytokinins 7727
2,4-D 2004, 7728
binding sites 1305
endogenous growth regulators 6889
ethephon 6976
ethylene 7729
gibberellins 1306, 2003, 6901
growth inhibitors 6976
IAA 2004, 7728, 9408
binding sites 1305
jasmonic acid 7840
kinetin 7728
methanol 4299
methyl jasmonate 7840
Mixtalol 6902
NAA 2003-2004, 7728
binding sites 1305
thiamin 6975
triacontanol 6902
triapenthenol 9400-9401
uniconazole 2624
harvesting
combine harvesting 4303-4305, 4313
damage 4301, 4303, 7718
harvesting date 2619, 4302-4305, 4313, 4318, 8630
harvesting losses 665, 2619, 4301-4302, 4304, 7716-7718, 8630
machinery 665, 7716-7717
methods 4301, 4313
windrowing 2619, 4302, 4304-4305
herbicides
alachlor 1997, 3403
atrazine 4440, 6889
benazolin 1995
bromoxynil 762
butachlor 3403
carbetamide 4307
chlorsulfuron 4440, 9405
clomazone 1997-1998
clopyralid 1995
2,4-D 4440
dichlorprop 762
dimefuron 4307
dimethachlor 1998
glyphosate 4440, 5735
imazamethabenz 766
imazethapyr 766
ioxynil 762
MCPA 762
metazachlor 1997, 4307
propyzamide 1995
prynachlor 1995
quizalofop-P 4307
sethoxydim 1995, 4307
simazine 3403
tebutam 1998
tolerance 6889
toxicity 766, 1998, 4440, 5735
trifluralin 1996
triflusulfuron 7722
hypocotyls
cell membranes
enzymes 4789

Rape *cont.*
hypocotyls *cont.*
cell membranes *cont.*
metabolism 4789
permeability 4789
growth regulators 1305
length 5107
in vitro culture
culture media 6901
growth regulators 6901, 7726, 7728
pollen 3410
regeneration 6901
regenerative ability 5968
somatic embryogenesis 3410
somatic embryos 7726
composition, fatty acids 2625
temperature 6901, 7726
insecticides, zeta-cypermethrin 2001
intercropping
Brassica campestris var. *toria* 9477
Brassica juncea 1322, 9477
Cicer arietinum 9477
grasses 6873
Guizotia abyssinica 8541
legumes 6873
Lens culinaris 9477
Linum usitatissimum 9477
peas 9477
Phaseolus vulgaris 8542
irradiation
gamma radiation 4788-4790
protectants 4788, 4790
ultraviolet radiation 2629, 6888
irrigation 4308, 6973
irrigation scheduling 6922
leaf area index 6922
water stress 9433
leaves
accumulation, betaine 5106
composition
carbohydrates 2007
carotenoids 4299
chlorophyll 4299, 5963
dry matter 2007
nitrogen 2007
proteinase inhibitors 6898
proteins 2621, 5219, 5963
sulfur 5963
trace elements 6897
enzymes 2624, 4299, 5963, 7729
gas exchange, ammonia 2005
leaf area 2628
leaf conductance 2002, 2005
metabolism 5219, 7729
proteins 5106, 8551
osmoregulation 9407
photosynthesis 4308
reflectance 2628
stomatal resistance 5963, 7730
temperature 2005
turgor 3411, 9407
uptake, betaine 2677
water potential 2002, 2006, 9429
water relations 9407
light intensity 2005
metabolic regulators 2692
metabolism
aldehydes 4789
antioxidants 6892
carbohydrates 6894
chlorophyll 3709
cytokinins 7727
DNA 4788
enzymes 1303
ethylene 7729
fatty acids 7724, 7726, 7732
glucosinolates 670
glutathione 6892
lipids 6894
phenolic compounds 9409
polyamines 7729
proline 4789
proteins 2623, 5219, 5963, 7731
mineral nutrition 8575
arsenic
foliar diagnosis 3404
toxicity 3404
boron 3406-3407, 6890, 8544
deficiency 1302, 3401, 3405
determination 6891
foliar diagnosis 3405

Rape *cont.*
mineral nutrition *cont.*
copper 6890
manganese, toxicity 7825
nickel, deficiency 8641
nitrogen 4311
deficiency 8641
growth stages 4310
sources 4310
potassium, foliar diagnosis 2678
selenium 3400
toxicity 4392
sulfur 1301, 4311, 6893
deficiency 4309, 5963, 6892
thallium, toxicity 7521
zinc 6890, 8545, 9406
mineral uptake 8575
barium 1308
boron 5103, 8544
cadmium 9406
calcium 672, 3399, 8544
copper 3399, 5103
iron 5103
magnesium 3399
manganese 5103
nitrogen 672, 2666, 3399
phosphorus 672, 3399, 3407, 7157
potassium 672, 2678, 3399
selenium 2622, 7090
sodium 672
strontium 1308
sulfur 1301, 4309, 6892
thallium 7521
yttrium 1308
zinc 5103, 9406
zirconium 1308
nodulation 2630
oxygen 7725
pests
Brevicoryne brassicae 2000
Ceutorhynchus pallidactylus 2001
Curculionidae 1999
Lipaphis erysimi 2000
Meligethes aeneus 2001
Myzus persicae 2000
photosynthesis 2621
electron transfer 6888
fertilizers 4308
gas exchange 6888
herbicide resistance 6889
irrigation 4308
mineral nutrition 5963
photoinhibition 6888
photosystem II 6888
pollution 2629
water stress 2002, 7730
plant competition, weeds 764, 2620, 9399
plant density 4318, 7715, 8553
pods
dehiscence 9408
development 1307, 2003, 6894
enzymes 6894
growth regulators 2003
mechanical properties 4300
metabolism 6894
moisture content 4315
photosynthesis 4308
shedding 1307
pollution
cement dust 7521
radionuclides 1308
preharvest sprays
starch 4300
urea 4318
production possibilities
Australia, New South Wales 5135
Italy 5134
relative humidity 2005
relay cropping, wheat 5958
remote sensing 7032
crop damage 7723
growth stages 7723
root exudates, enzymes 5965
root nodules, enzymes 2630
root systems 2004
roots
composition
carbohydrates 2007
dry matter 2007
nitrogen 2007

Rape *cont.*
roots *cont.*
enzymes 1301, 6892, 7732
growth 7732
growth regulators 6976
seed treatment 6976
metabolism 2624, 6892, 7732
morphology 2004
plasma membranes, proteins 4309
temperature 7732
tropisms, gravitropism 669
rotations 2670, 3479, 7157, 7795
barley 3479
fallow 6162, 7877, 8721
peas 7712
rye 7877
Sinapis alba 7877
wheat 3479, 6162, 7712-7713
salinity 2622, 8550
seed injury 4301, 4320
cultivars 4319
seed inoculation
Pseudomonas putida 6976
Rhizobium leguminosarum, strains 1309
seed production, India 2012
seed shattering 1307, 4304
cultivars 4315
seed treatment
acetic acid 2111
fungicides 6975
growth regulators 6975
irradiation 4789
seedbed preparation, reviews 1299
seedlings
cell membranes, permeability 8546
emergence 5107
metabolism 7731
pH 8546
seeds
composition
analysis, techniques 8548
carbon 2099
erucic acid 5134, 8548
fatty acids 667, 2627, 5960, 6899
fibre 5966
glucosinolates 667, 2626-2627, 5967, 6877, 8543, 8548
cultivars 6900
lignin 5966
lipids 2627, 5964
nitrogen 2099, 6893
oils 667, 672, 2626, 4305, 5134-5135, 5960, 5966-5967, 6877, 6880-6882, 6899, 6921, 7746, 8548, 8550, 8630
oleic acid 8548
phenolic acids 4317
phenolic compounds 2627, 9409
phosphorus 9402
proteins 2626-2627, 5135, 5966-5967, 6899, 8543, 8630
sugars 2627
sulfur 2099, 6893
tocopherols 9410
trace elements 6897
cotyledons, enzymes 4312
desiccation 8653
development 5964, 6894
metabolism 668
dormancy 7725
drying 3397, 7022
embryos
composition, proteins 2621
photosynthesis 2621
enzymes 4313, 5964, 6894-6895
germination
growth regulators 7840
maturity stage 9522
temperature 1304
glyoxysomes
enzymes 7724
metabolism 7724
growth regulators 7726
harvesting
damage 664, 666
machinery 666
imbibition 7725
maturation 9409, 9522
mechanical properties 4318, 4320

Rape *cont.*
seeds *cont.*
mechanical properties *cont.*
cultivars 4319
metabolism 6894, 7726, 9409
lipids 668, 5964
phenolic acids 4317
proteins 2623
mitochondria
enzymes 7724
metabolism 7724
moisture content 4313, 4315, 4320, 7022
determination 2631
morphology 3397
pH 8546
physical properties 3397, 4301
separation, techniques 2631
size 4319
storage 4320, 7022
diseases 2111
moisture content 1099
temperature 1099
temperature 7726
threshing, damage 664
viability 9522
vigour 9522
water relations 4314, 8653
weight 672, 8630
shoots
composition
arsenic 3404
phosphorus 3404, 9402
siliqua, water potential 9429
soil
nitrogen 6097
phosphorus 6875, 7157
trace elements 6897
soil amendments, lime 4378, 5961, 6973
soil inoculation, bacteria 5987
soil pH 6897
soil physical properties 756
soil texture 7157
soil types 7157
soil water 2628, 7713
sowing date 6921, 9398-9399
sowing depth 5107
sowing methods 6092, 6873, 6921
direct sowing 7714
sowing rates 5958, 9398, 9400-9401
stems, mechanical properties 7715
sterility 7727
straw disposal 6092
temperature 672, 2005, 2007, 5108, 7157, 7725-7726, 7731, 8553
translocation
betaine 2677
source sink relations 9405
tropisms, gravitropism 669, 747
water stress 2627-2628, 3411, 4308, 7725, 7729-7730, 8551-8552, 9433
cultivars 2006
growth stages 2626, 9411
water use 725, 7713, 9411
water use efficiency 2002
waterlogging 672, 6902, 8550
weed control
chemical control 8721
cultivation 764, 9397
integrated control 2620
manual weed control 1996, 3403, 6921
weeds 7795
Brassica campestris var. *rapa* 667
Brassica kaber 667
Brassica nigra 667
Capsella bursa-pastoris 667
Descurainia sophia 667
Galium aparine, control 1995
Matricaria perforata, control 1995
Poa annua, control 1995
Sisymbrium altissimum 667
Thlaspi arvense 667
wheel tracks 756
winter kill 3402, 5969
yield components 672
water stress 2626
Raphanus sativus
catch crops 3474
cultivars, Italy 5134
production possibilities, Italy 5134
Raphanus sativus *cont.*
seeds
composition
erucic acid 5134
oils 5134
Raphanus sativus* var. *oleifera
roots
distribution 8715
length 8715
soil inoculation, bacteria 5987
Raphanus sativus* var. *oleiformis, soil water 7800
Relay cropping
Brassica juncea 5220
green manures, *Sesbania aculeata* 6961
Guizotia abyssinica 1381-1382
Lathyrus sativus 5220
Lens culinaris 5220
Linum usitatissimum 1381-1382, 5220
maize 4466, 6338, 6961
rape 5958
rice 1381-1382, 5220, 5498
soyabeans 6556
wheat 4466, 6338, 6556
Remote sensing 5231
agricultural land, land productivity 7029
barley 7032, 8018, 8428, 8877
identification 6127
reflectance 9549
salinity 5417
cereals
reviews 336
yield forecasting 336
China 1422
chlorophyll, fluorescence 2701
cotton 9362
microwave radiation 8498
yields 6849
crop management 9551
reviews 9552
field crops 4445
emission 7028
infrared imagery 8692
instrumentation 1340
land use 770, 2706, 7032
Australia 2705, 4444
Brazil 7026
São Paulo 3532
Germany 4446
Italy 7027
South Africa 5230
Spain 2707
UK 1423, 9550
maize 3532, 3684
aerial photography 1658
mineral nutrition
nitrogen 1658
deficiency 1661
mineral uptake 5493
reflectance 8691
soil water content 1659
temperature 7137
yield forecasting 962
yields 8033, 8097
estimation 5493
oats 5368, 9096
peas, reflectance 9549
Pennisetum, yield forecasting 2352
Pennisetum glaucum, yield forecasting 5602
Phaseolus vulgaris 3532, 4859
potatoes, identification 6127
rape 7032
rice 1026
radar 6512
reflectance 8179
rye 9096
sorghum 2346, 3532
soyabeans 3532
mineral nutrition 8296
reflectance 8691
transpiration, estimation 3152
sugarbeet 7032, 8428
identification 6127
leaf area index
estimation 2499
monitoring 2498
leaves, canopy, reflectance 7620
yields 792
sunflowers
mineral nutrition, deficiency 7703
Remote sensing *cont.*
sunflowers *cont.*
reflectance 9549
techniques 7030-7031
wheat 93, 3684, 5367-5368, 7032, 9096
evapotranspiration 2817
identification 6127
mapping 6278
microwave radiation 92
reflectance 8691, 9549
temperature 7137
Reports
Argentina
Estación Experimental Agro-Industrial 'Obispo Colombres' 783
Estación Experimental Agroindustrial 'Obispo Colombres' 4450
Instituto Nacional de Tecnología Agropecuaria 1434
Australia
Australian Bureau of Agricultural and Resource Economics 4449
Australian Centre for International Agricultural Research 6137
Department of Primary Industry and Fisheries, Northern Territory 2118, 6141
Horticultural Research Development Corporation 781
Institute for Horticultural Development, Agriculture Victoria 2721
Belgium, Centre for Agronomic Research 785
Brazil, Centro de Pesquisa Agropecuária dos Cerrados 3553
Canada
Alberta Agriculture, Food and Rural Development 1430
Department of Agriculture and Rural Development, New Brunswick 7048
Department of Plant Science, Nova Scotia Agricultural College 2724
Grain Research Laboratory 3552
Colombia, Centro de Investigación de la Caña de Azúcar de Colombia 3546
Côte d'Ivoire, West Africa Rice Development Association 6140
Cyprus, Agricultural Research Institute 1437
Denmark
Danish Institute of Plant and Soil Science 5245
National Committee for Plant Production 784
Plantedirektoratet 9563
France, Institut Technique Français de la Betterave Industrielle 7043
Germany, Fachhochschule Weihenstephan und Versuchsanstalt für Gartenbau Weihenstephan 1431, 8695
Guyana, National Agricultural Research Institute 8696-8697
India
Central Tobacco Research Institute 2119
Central Tuber Crops Research Institute 5243
Indian Agricultural Research Institute 8698-8700
Nagarjuna Agricultural Research and Development Institute 9568
National Research Centre for Groundnut 5244
International Center for Agricultural Research in the Dry Areas 2726
International Crops Research Institute for the Semi-Arid Tropics 9567
International Potato Center 782, 7044
Israel, Institutes for Applied Research, Ben-Gurion University of the Negev 2720
Korea Republic, Rural Development Administration 2725
Mauritius, Mauritius Sugar Industry Research Institute 3548
Nepal, Lumle Agricultural Research Centre 1438

Reports *cont.*
Netherlands
Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond, Lelystad 2722
Research Institute for Soil Agrobiology and Soil Fertility 2719
Norway
Institutt for Plantefag 1436
Institutt for Plantefag, Norges Landbrukshøgskole 6139
Statens Landbrukstilsyn, Frøkontrollen 1435, 7882
Slovenia, Kmetijski Inštitut Slovenije 6138
South Africa, South African Sugar Association Experiment Station 3547
Taiwan
Food and Fertilizer Technology Center for the Asian and Pacific Region 7046
Institute of Botany, Academia Sinica 3551, 7047
Taiwan Sugar Research Institute 7041, 9565
UK
Agricultural Research Institute of Northern Ireland 3549
Institute of Arable Crops Research 9564
Jersey Department of Agriculture and Fisheries 780, 1432
John Innes Centre & Sainsbury Laboratory 9570
Morley Research Centre 2120, 9566
National Institute of Agricultural Botany 1433, 7045
Processors and Growers Research Organisation 3550
Sutton Bridge Experimental Unit 7042
USA
Arkansas, Arkansas Agricultural Statistics Service 3545
College of Agriculture and Life Sciences, North Carolina State University 2727
INTSORMIL 2723
Louisiana Agricultural Experiment Station 9569
University of Georgia, College of Agricultural and Environmental Sciences 2728
Reproduction
plant nutrition, boron, deficiency, reviews 4390
reviews 5213, 9523
Respiration
carbon dioxide, reviews 9561
determination, techniques 6230
enzymes, reviews 9519
measurement, techniques 4408
reviews 6992, 7007
Reviews
abscission 8662
accumulation, proline 8645
agroforestry, USA 3535
air pollution 2094, 3524
carbon dioxide 5237
ozone 7859-7860, 8683
allelopathy 1405, 8678
anaerobiosis 4429
barley
anoxia 3928
crop management, Kenya 9086
respiration, photorespiration 2857
yield losses 767
Brassica, chemical composition, glucosinolates 3427
carbon dioxide enrichment 6124, 7823, 9561
cassava
carbon dioxide 4982
crop management, Kenya 9347
light intensity 4982
temperature 4982
tubers
storage 2570
disorders 2569
water stress 4982

Reviews *cont.*
cells
cell membranes
enzymes 1407
growth regulators 1407
ion transport 6233
permeability 9521
plasma membranes, binding proteins 753
water transfer 9521
cell walls
composition 8669
metabolism
lignin 744
pectins 744
proteins 744
sugars 744
ultrastructure 8669
composition, calcium 1409
Golgi apparatus 2089
ion transport 8640
mitochondria, enzymes 7007
organelles, metabolism 5217
osmoregulation 5216
peroxisomes 1106, 2088
plasma membranes
composition
lipids 7019
proteins 7019
ion transport 3503
plasmodesmata 1415, 9509
plastids, metabolism 7004
tonoplast, proton pump 6999
vesicles 2087
cereals
chemical composition, allelopathins 1048
cropping systems, constraints, Australia 2357
frost resistance 1050
in vitro culture, protoplast culture 333
mineral uptake, iron 3922
remote sensing 336
seed inoculation, *Azospirillum* 6552
soil inoculation, *Azospirillum* 6552
yield forecasting 336
chemical composition
lectins 750
phenolic compounds 2694
proteins 7006, 7843
xyloglucans 7014
chlorophyll 7829
binding proteins 9502, 9515
fluorescence, temperature 1573
chloroplasts
development 7829, 9531
enzymes 9514
metabolism 9514
senescence 7829
thermoluminescence 1385
translocation, proteins 7018, 7822
ultrastructure 9531
cold injury
maize 4423
Phaseolus vulgaris 4423
Colocasia, corms, storage, disorders 2569
Colocasia esculenta, corms, storage 2570
cotton
crop management, Kenya 4271
yield losses 767
cover crops, legumes 4357
crop management, remote sensing 9552
crop production, models 2104
cropping systems
allelopathy 4427
India 771
defence mechanisms 5229
Dioscorea
crop management, Kenya 9347
planting stock 4223
Dioscorea alata
tubers
storage 2570
disorders 2569
Dioscorea cayenensis
tubers
storage 2570
disorders 2569
Dioscorea esculenta
tubers
storage 2570

Reviews *cont.*
Dioscorea esculenta cont.
tubers *cont.*
storage *cont.*
disorders 2569
Dioscorea rotundata
tubers
storage 2570
disorders 2569
diseases, defence mechanisms 7872
drought 4399, 4418, 4420
drought resistance 4419-4420, 5206, 8673
cotton 2590
dry matter distribution 4409
energy relations 4414
environmental factors, plant physiology 2698
enzymes 7006, 7830
carbonate dehydratase 5204
glutamate-ammonia ligase 1396, 8650
glutamate dehydrogenase 1396
glutamate synthase 1396, 8650
glutathione transferase 8651
glycosyltransferases 1395
isomerases 8649
lipoxygenase 8649
lyases 3509
nitrate reductase 1396
nitrite reductase 1396
oxidoreductases 5203, 7007, 7829, 8648-8649
oxygenases 1395
phosphatidate phosphatase 1398
protein kinase 4397, 7005
proteinases 740
transferases 8547
farming systems
alternative farming 2113
arable farming 2710
Australia 9484
integrated systems 772, 2710
land diversion 2710
nature conservation 2710
organic farming 772, 3537
spatial variation 7875
sustainability 3538, 5234
temporal variation 7875
fertilizers
composts 6101
nitrogen 1378
refuse 6102
rice, Japan 8978
flowers, abscission 7842
fuel crops 9470
gene expression
environmental factors
stress 7863
tolerance 7863
growth regulators 8661, 9525
green manures 713
legumes 4357
Mucuna 2054
Sesbania cannabina 712
Sesbania roxburghii 712
Sesbania sesban 712
groundnuts 9168
carbon dioxide 4982
light intensity 4982
temperature 4982
water stress 4982
growth 7837, 9523
leaves, water relations 754
growth regulators
abscisic acid 1404, 4409, 6115, 7012, 7841, 8640, 8659
ascorbic acid 2691
auxins 8655-8656
brassinosteroids 8663, 8666
cytokinins 8661
binding sites 8657
ethylene 8648, 8658, 8660, 8662
gibberellins 330
growth inhibitors 6114, 7012
IAA 330, 8656
jasmonic acid 8649, 8664-8665
mycotoxins 330
oligosaccharides 8654
phenolic compounds 7012
polyamines 6117, 9524-9525
guard cells, ion transport 6996-6997

Reviews *cont.*
Hibiscus cannabinus, crop management, Kenya 4271
hydroponics, oxygen, deficiency 3518
hypoxia 3518
in vitro culture, organogenesis 6120
intercropping 2114
irradiation
ultraviolet radiation 759, 3525, 5222, 5237
techniques 5224
leaves
anatomy 1414
canopy, light 8671
composition, nitrogen 7003
cuticle, permeability 3512
leaf conductance 3512
optical properties 1414
senescence 4395, 5211
stomata, guard cells, ion transport 6998
stomatal movement 8640
legumes
nitrogen fixation 6125
nodulation 2097, 8660, 9156
root nodules
bacteroids 9540
plasma membranes 6743
seeds
cell walls, composition, polysaccharides 8670
composition, proteins 9278
symbiosis 6743, 9540
light, use efficiency 4414
Linum usitatissimum 647
crop management, Kenya 4271
Lupinus albus 9263
maize
allelopathy 6405
cells, ion transport, iron 7266
cultivation, no-tillage 9489
fertilizers, nitrogen 722
growth regulators
abscisic acid 7289
auxins, binding sites 938, 941
metabolic regulators, calcium 7270
metabolism 4383
mineral uptake, iron 7266
plant development 7287
translocation 4383
iron 7266
yield losses 767
Maranta arundinacea, crop management, Kenya 9347
metabolic regulators, oligosaccharins 745
metabolism
amino acids 1390
γ-aminobutyric acid 3507
ascorbic acid 881
chlorophyll 1393, 4395, 7829-7830
fatty acids 9517
free radicals 1392
growth regulators 8649, 8656, 8666
herbicides 1395
iodine 2681
linolenic acid 8649
lipids 7004
methanol 1391
nitrogen 2686
oxaloacetic acid 6828
oxygen 837, 6109
phenolic compounds 3506
phytochrome 7827
polyamines 3524
proline 8645
proteins 1390
starch 9516
sulfur 7828
toxic substances 8646
mineral nutrition 8660
iron, deficiency 1387-1388
mineral uptake
aluminium 2683
ammonium 1390
iron 1388
nitrate 1390
nitrogen 1396, 9512
models 2103, 2675
mycorrhizas 4637
nitrogen fixation 478, 2096
oxygen 9280

Reviews *cont.*
nodulation 478, 2096, 7864
legumes 4433
oats, crop management, Kenya 9086
osmoregulation 7854
peas 9186
enzymes, cofactors 9189
growth regulators
ethylene 1113
binding sites 1135
nodulation 408
photosynthesis
photoinhibition 7482
photosystem II 7482
Phaseolus, growth regulators, ethylene 1113
Phaseolus vulgaris 9218
growth regulators, ethylene, binding sites 1135
photoperiod 5218
photosynthesis 4381-4382, 6992
carbon dioxide 9561
carbon pathways 9503
carotenoids 2076
diseases 7870
gas exchange, water relations 754
light harvesting complexes 7829
temperature 1573
oxygen 1384
photoinhibition 9501
photosystem I 9506
photosystem II 5200, 7829, 9505, 9507-9508
pigments 9504
phytochrome 2696, 7848
plant competition 9479-9480
light 7848
plant development 2097, 9523
growth regulators 7847
light 7847
photoperiod 7851
phytochrome 7851
plant morphology 7837
plant nutrition
boron, deficiency 4390
deficiency 4385
iodine 2681
iron 4387
nitrogen 7003, 9512
sulfur 7828
trace elements 7002
plant physiology, environmental factors 2698
pollen
cell walls 2084
chemical composition, lipids 1411
pollen tubes, growth 1403
pollination 5213
pollution
heavy metals 4432
lead 8682
potatoes
carbon dioxide 4982
crop management, Kenya 9347
flowering 7640
irrigation, irrigation scheduling 496
leaves, canopy, development 4970
light intensity 4982
metabolism 4383
shoots, development 7640
temperature 4982
translocation 4383
true seeds 4182
tubers
composition, glycoalkaloids 1236, 4980
damage 579
mechanical damage 6764
dormancy 8458
dry matter accumulation 4969
storage, metabolism, sugars 2558
water stress 4982
yield losses 767
rape
establishment 1299
seedbed preparation 1299
reproduction 5213, 9523
plant nutrition, boron, deficiency 4390
respiration 6992, 7007
carbon dioxide 9561

Reviews *cont.*
respiration *cont.*
enzymes 9519
rice
allelopathy 6466
anoxia 3928
crop management, Kenya 8962
cropping systems, Philippines 2275
fertilizers 968, 3824
silicon 4705
grain, quality 4722
mineral nutrition, silicon 4705
roots
depth 1702
differentiation 1702
growth 1702
length 1702
morphology 1702
water management 7315
yield losses 767
root crops, India 5012
root shoot ratio
carbon dioxide enrichment 7823, 7839
mineral nutrition 4407
root systems, carbon dioxide enrichment 7823
roots
anoxia 9534
growth 7836, 7856
carbon dioxide 7821
mineral nutrition 4431
hypoxia 9534
longevity 7835
metabolism 9534
mineral uptake 4431
respiration, carbon dioxide 7821
soil variability 4431
water transfer 4400
rye
crop management, Kenya 9086
frost resistance 7165
leaves, composition, proteins 7165
salinity 7853
salt tolerance 7853-7854
seed certification 9541
seed quality 9541
seed testing 3529, 5682, 9541
seed treatment, magnetic field 717
seeds
aging 9532
artificial seeds 9533
cells, ribosomes 9532
chemical composition, lipids 1411
composition, polyamines 739
desiccation, tolerance 1399, 6622, 7832
dormancy 2688, 7009
wheat 3638
maturation 4413
metabolism, polyamines 739
vigour 3529
senescence, growth regulators 746
shading, responses 7849
soil physical properties 7856
soil temperature 4430
soil water 754
sorghum
cultivation, no-tillage 9489
drought resistance 2342
yields, physiology 2342
soyabeans 9124
cultivation, no-tillage 9489
in vitro culture 4004
nitrogen fixation 363, 1084
nodulation 1084, 9156
seeds, germination, metabolism 4000
yield losses 767
space science 9536
stems, tropisms, gravitropism 9528
sterility, male sterility, water stress 8674
stomatal movement 6997
sugarbeet
fertilizers, usage 1883
metabolism 4383
translocation 4383
sugarcane
crop management, Kenya 9441
fertilizers 9447
nitrogen 1352
foliar application 5165

Reviews *cont.*
- sugarcane *cont.*
  - preharvest sprays 8598
  - ripening 1364
  - soil physical properties 6957
- sunflowers, fertilizers, nitrogen 722
- sweet potatoes
  - crop management, Kenya 9347
  - tubers
    - storage 2570
      - disorders 2569
- techniques
  - microscopy 9548
  - mineral uptake, phosphorus 6106
- temperature 5218
- translocation
  - minerals 735, 9511
  - nucleic acids 9509
  - phloem loading 2676
  - photosynthates 731-735, 2676
  - proteins 9509
  - source sink relations 139, 734-735, 9510
  - sucrose 733
- transpiration, carbon dioxide 9561
- triticale, crop management, Kenya 9086
- *Triticum spelta*, production possibilities 1740
- tropisms, gravitropism 747, 8936-8937, 9391, 9527, 9535
- vascular system, differentiation 744
- *Vigna radiata*, cultivation, no-tillage 9489
- water relations 5206
- water stress 754, 4399, 4418-4419, 5206, 7854, 8061, 8659
- water transfer 1401
- waterlogging 3518
- wheat
  - anoxia 3928
  - carbon dioxide 4982
  - crop husbandry 7893
  - crop management, Kenya 9086
  - fertilizers, nitrogen 722
  - *in vitro* culture, protoplast culture 333
  - light intensity 4982
  - shoot apices 5329
  - soil, erosion 2742
  - soil conservation 2742
  - sterility 3645-3646, 3649-3650
  - temperature 4982
  - water stress 4982
  - yield losses 767
- *Xanthosoma*
  - corms
    - storage 2570
      - disorders 2569

Rice
- agricultural meteorology 1017
- agroforestry 3814
  - Bangladesh 8101
- air pollution 3023
  - acid rain 3024, 3878, 7862
- allelopathy
  - *Acacia nilotica* 6122
  - *Cassia siamea* 6122
  - *Chenopodium album* 7357
  - *Echinochloa crus-galli* 990
  - *Eucalyptus camaldulensis* 6122
  - *Monochoria vaginalis* 6465
  - *Pongamia pinnata* 6122
  - reviews 6466, 7867
  - *Sesbania grandiflora* 6122
- altitude 9053
- anaerobiosis 9055-9056
- anoxia 1020, 4754, 9055-9056
  - reviews 3928
- antitranspirants, paraquat 8107
- biomass production 3007
  - models 291
- carbon dioxide enrichment 1021, 2324-2325, 3841, 3864, 3881-3884, 4700, 4727, 5562, 8174-8175
  - models 89, 6510
- cells
  - cell membranes, permeability 3879
  - growth 1696
    - ammonium 5553
    - pH 5553
  - plasma membranes, binding sites 1009

Rice *cont.*
- cells *cont.*
  - tonoplast, enzymes 5536
- chemical composition 7887
  - acetylcholine 749
  - amino acids 4374
  - cadmium 266, 2977
  - calcium 3827
  - chlorophyll 289
  - copper 308, 4725
  - heat shock proteins, determination 1413
  - herbicide residues 2302
  - iron 9025
  - magnesium 2324
  - minerals 289, 5528, 6472
  - nitrogen 1023, 2979, 3827, 6473, 7329, 8982, 9000
  - phosphorus 2324, 6473, 7329
  - potassium 2324, 3827
  - proline 8107
  - proteins 289, 4374, 6473
  - silicon 7343
  - terpenoids 1709
  - ureides 1023
  - zinc 266, 2980, 9025
- China, Beijing 4646
- chlorophyll
  - fluorescence 992, 6991, 8145
    - temperature 1720
- chloroplasts
  - enzymes 3851, 7831
  - thylakoids 2321
- climate 9045
- climatic change 306, 1021, 3543, 3881-3882, 4728
  - Bangladesh 89
  - Indonesia 305
  - models 304-305, 2325, 6510
- cold hardening 3874
- cold injury 1016, 1717, 2966, 2982, 8167
- cold resistance 1719-1720, 3019, 3874, 4652, 6484, 7347, 8167, 9052
  - cultivars 1017, 3020, 6506
  - seed treatment 3875
- coleoptiles
  - anoxia 9022
  - enzymes 999, 9022
  - growth 7358, 9056
- continuous cropping 7813, 8139
- crop husbandry 7309, 7887, 8965
  - Brazil 2057
  - Burkina Faso 6412
  - China 8963-8964, 8966, 9053
  - India
    - Madhya Pradesh 6963
    - Manipur 3813
    - West Bengal 2958, 6411
  - USA 1662
  - volunteer plants 2959
- crop management
  - China 7308
  - Kenya, reviews 8962
- crop production 7887
  - Argentina 3543
  - China 7308, 8963
    - Beijing 1663
  - energy relations 6963
  - USA, Arkansas 3545
- cropping systems 2067
  - constraints, India 2276
  - fodder crops 4650
  - India 8104
  - Japan 8967
  - Philippines, reviews 2275
  - shifting cultivation 7310
  - strip cropping 4358, 6971
- cultivars 1688, 2983
  - Brazil
    - Rio Grande do Sul 4656
    - São Paulo 6450
  - China 5529, 6452
  - comparisons 1687, 1701
  - Egypt 2300
  - expert systems 1725
  - genotype environment interaction 3834, 6447, 6454
  - India
    - Andhra Pradesh 6433, 7323, 8116
    - Assam 4654, 6454
    - Bihar 6414

Rice *cont.*
- cultivars *cont.*
  - India *cont.*
    - Kerala 8999
    - Maharashtra 6448
    - Orissa 6455, 7332
    - Tamil Nadu 6445
    - West Bengal 1682
  - Italy 6422-6423, 6449, 6451, 6456
  - Japan 2293, 3842, 6446, 8998
  - Nepal 8132
  - USA, Louisiana 9000
  - Akiroman 2294
  - Asamurasaki 6463
  - ASD19 988
  - Bright Pearl-1 4694
  - Dali 6459
  - Dama 271
  - Dellrose 6462
  - Dewasansan 2967
  - Drew 4692
  - Gang 46A 8137
  - Huaidao 3 8138
  - Il You-92 5532
  - Ilyou-838 8136
  - Itapemirim 3835
  - Jackson 6461
  - Khushboo 4691
  - Koi-Omachi 2295
  - Liangyou Peite 4693
  - Maxie-63 5534
  - MDU4 2297
  - Meguriai 2296, 6458
  - Minyan Nuo 8135
  - Okiniiri 6464
  - PNR546 2298
  - Xiangwanxian No. 3 270
  - Yugeng-5 5533
  - Zaoxian-28 5531
  - Zhongsi-2 8134
  - Zhongyin-85 6460
- cultivation 4651
  - animal power 8105-8106
  - conservation tillage 6416, 8112
  - harrowing 2279, 2284, 5511
  - human power 8105
  - labour requirements 8105-8106
  - mechanization 2067
  - methods 8139
  - no-tillage 1666, 2280, 2960, 2971, 2974, 3817, 5499, 5509, 7336, 8112
  - ploughing 2279, 2284, 8139
  - puddling 2278
  - rotary cultivation 2279, 5499, 5509, 5511
  - straw incorporation 2981, 4683
- damage, irradiation 3885
- deep water rice 1706, 2277, 2972
  - cell walls, composition, proteins 6492
  - stems
    - composition, proteins 6482, 6492
    - growth 6482
  - submergence 293
- dew, formation 7359
- disease control 237
- diseases 4442
  - *Aspergillus flavus*, control 2111
  - *Cladosporium* 901
  - *Cochliobolus miyabeanus* 8146
  - *Eurotium amstelodami* 901
  - *Magnaporthe grisea* 1017, 2292, 3837, 6490
  - *Penicillium* 901
  - *Rhizoctonia solani* 6416
  - *Rhizopus* 901
- disorders, straighthead 1693
- drainage 243, 4663, 5511, 7322
- drought 302
  - Indonesia 305
- drought resistance 302, 3871, 5557
  - cultivars 3870, 4723
  - determination 3869
  - models 305
- dry matter accumulation 1688, 1697, 3842, 4712, 5540, 6470, 6481
  - cultivars 2983
- dry matter distribution, models 1723
- ecology 7887
- emission
  - methane 6491, 9019

Rice *cont.*
emission *cont.*
nitrogen oxides 6426
energy relations 7309, 7799
energy requirements 9474
environmental factors 4722
enzymes
acetolactate synthase 9005
acid phosphatase 2992
adenosinetriphosphatase 2988, 8165
alanine aminotransferase 2307
alcohol dehydrogenase 3866, 9025
aldehyde-lyases 7346
amine oxidase (copper-containing) 298
aminoacyltransferases 298
amylases 161, 998, 3618, 3855, 4652, 6486, 6488, 6495, 7353, 8168, 9024
ascorbate oxidase 161
carbonate dehydratase 2303, 3840
carboxy-lyases 298, 3008, 6484
catalase 297, 303, 1698, 3019, 3850, 3876-3877, 3880, 4727, 6479, 6495, 8153, 9025
chitinase 7344, 9023
DNA polymerase 2310
β-fructofuranosidase 994, 1699, 3852, 4754, 5546
β-glucanase 290, 7345
glutamate-ammonia ligase 996, 2309, 9018, 9021, 9055
glutamate synthase 996, 2996, 9055
glutathione reductase (NAD(P)H) 297, 3874, 3877
glutathione transferase 288, 7341, 9009
hexosyltransferases 4728, 6478, 6480
IAA oxidase 5565, 6495
kinases 3849, 9013
lipoxygenase 303, 1000, 9020
lyases 2322
nitrate reductase 289, 996-997, 2307, 8107, 9004, 9055
nitrite reductase 996-997, 9055
nucleotidase 4710, 7347
ornithine decarboxylase 6484
oxidoreductases 3849, 3851, 5537, 6477, 9006, 9022, 9024, 9054-9055
oxygenases 3012
peroxidases 297, 303, 999, 1698, 3019, 3850, 3876-3877, 3880, 4727, 5544, 5555, 5565, 6477, 6493, 6497, 8153, 8157, 8164, 9054, 9059
phenylalanine ammonia-lyase 6493, 9023
phosphoenolpyruvate carboxylase 2303, 9013
phosphoric monoester hydrolases 6478
phosphotransferases 1004
phytase 9024
protein kinase 5547
proteinases 299, 4716, 7831
pyrophosphatases 5536
pyruvate decarboxylase 8170
ribonucleases 8171
ribulose-bisphosphate carboxylase 1025, 2303, 3012, 3840, 3883-3884, 4727-4728, 5555, 5558
ribulose-bisphosphate carboxylase activase 2308
RNA polymerase 1719
(s)-2-hydroxy-acid oxidase 3012
saccharopine dehydrogenase 3849
sucrose synthase 994, 1703, 4754, 8151
superoxide dismutase 303, 1698, 2303, 2995, 3019, 3850, 3874, 3876-3877, 8153, 8167, 9059
transferases 8152
equipment
mulching 2970
seed boxes 2962
sowing 2970
establishment 2966, 2974, 5505
direct sowing 5507
flooding 5507
volunteer plants 2959
Rice *cont.*
evapotranspiration 246, 8175
farm inputs 9474
farming systems
Japan 8967
organic farming 237, 6134
sustainability, books 7055
fertilizers 4722, 6426, 7311
application date 2973, 3823
application methods 3817
cadmium 266
cattle manure, residual effects 6442
chlorine 4374
coir 6438, 8987
composts 2290, 4670, 5198, 5527, 6101
residual effects 984, 8756
crop residues 980, 2290, 2981, 4677, 6441, 8130
farmyard manure 302, 982, 2982, 3830, 4665, 4670, 4677, 6428, 6436, 6441, 7058, 8125, 8987, 8996
residual effects 6100
filter cake 6443
residual effects 6100
gypsum 2291
humus 8997
Japan, reviews 8978
manganese 5528
manures 265, 2288
use efficiency 981
molybdenum 263
nitrogen 253, 257, 263, 265, 267, 269, 273, 292, 307, 965, 969, 971-972, 980, 983, 986, 1381-1382, 1668, 1683, 1685, 1723, 2284, 2286, 2289-2290, 2299, 2305, 2975, 2979, 3002, 3021, 3813, 3827-3829, 3833, 4374, 4647-4648, 4665, 4670-4671, 4675, 4678, 4681-4683, 4688-4689, 4697, 4717, 5196, 5503, 5516, 5522, 5525-5526, 5554, 6100, 6414, 6417, 6421, 6427-6428, 6430, 6434, 6436, 6444, 6474, 7323, 7328, 7331-7332, 8102, 8111, 8116-8117, 8124-8126, 8131, 8150, 8973, 8983, 8992-8993, 9000, 9017
application date 255, 970, 973, 1667, 1677-1678, 1686, 1695, 3826, 4669, 5520, 6429, 6431, 6433, 8119, 8163, 8979-8982, 9049
application methods 256, 258-260, 3825, 4667, 5521
foliar application 970
requirements, determination, techniques 254
residual effects 6038, 6432, 6442
sources 255, 259, 1665-1666, 2974, 2990, 3826, 4666-4668, 5196, 5508, 5519, 5521, 6432, 6437, 8118, 8120, 8123, 8128, 8981
use efficiency 240, 252-253, 256, 260, 981, 1022, 1679, 3022, 3825-3826, 4668, 4726, 5519, 6435, 8120, 8128
NPK fertilizers 246, 982, 985, 1370, 1379, 4676-4677, 4696, 5198, 5499, 5522, 5527, 6440, 6961, 8108, 8991
application date 8989-8990
application methods 5523, 8445
models 5524
use efficiency 8995
organic fertilizers 237, 5196, 5522, 5527, 6961, 8127, 8129-8130
phosphorus 265, 270, 965, 1044, 1681, 1683, 2285-2286, 2289, 2979, 3021, 4663, 4675, 6414, 6417, 6473, 7331, 8121, 8125-8126, 8973, 8984, 8988, 8992
application methods 283, 2976, 5521
requirements 1680, 4674, 7326, 8122
Rice *cont.*
fertilizers *cont.*
phosphorus *cont.*
residual effects 977, 4672, 6038, 6439, 7325, 8756, 8985, 8993
sources 261-262, 283, 974-977, 3830, 4672-4673, 5521, 7324-7325, 8123, 8756, 8997
use efficiency 262, 2976, 2992, 2994, 3022, 4674, 6475, 8985-8986, 8993
pig manure 5527
residual effects 6442
potassium 263-265, 270, 965, 1683, 2286, 2289, 2977-2979, 3021, 4675, 6088, 6414, 6417, 6438, 7328, 7331, 7813, 8107, 8124-8126, 8150, 8973, 8987-8988, 8992-8993
application date 978, 1682, 3831, 7327
foliar application 7327
residual effects 6439
use efficiency 3022
poultry manure 5527, 8128
requirements 3822
reviews 968, 3824
rice bran 5196
rice husks 4680, 7058
rice straw 982, 3829, 5196, 5509, 5527
use efficiency 981
silicon 2292, 7329-7330
application date 4705
application methods 4705
reviews 4705
sources 4705
slurries 8130
straw 253, 4683
sugarcane trash, residual effects 6100
sulfur 2286, 3832, 8994
trace elements 4676
use efficiency 3022
wheat straw 2286
zinc 266, 1681, 2289, 2291, 6428, 6441, 7324, 8125, 8132, 8973
application methods 4678
foliar application 979, 1684, 8994
sources 2980, 4678
use efficiency 3022, 8127
field experimentation
experimental design 2326
statistical analysis 3026
fields, mapping, computer software 3886
floating rice 8115
flooding 7351, 7358, 9048
tolerance 1015
flowering 7350
cultivars 3020
flowering date 9047
photoperiod 5556
models 1714
temperature, models 2320
flowers
anthers
enzymes 8157
growth regulators 8157
foliar application, *Klebsiella* 6503
gene expression
anoxia 8170
enzymes 8164
growth regulators 6490
light 2308, 7346
light intensity 5555, 8164
shading 8164
temperature 1719
grain
composition
amino acids 4718
amylose 3872, 5527, 5559, 5568, 6419, 6442
aromatic compounds 4719
ash 2292
carbohydrates 263, 1703
chlorophyll 3011
dry matter 1703
elements 2981
lead 2314
lipids 7355

Rice *cont.*
grain *cont.*
composition *cont.*
magnesium 4717, 5527
manganese 2292
minerals 4718
nitrogen 1669, 2312, 3022, 4666, 5527, 7331, 8125, 8980
organic acids 5527
phosphorus 2312, 3022, 7331
polyamines 3860
potassium 2312, 3022
proteins 257, 263, 973, 1412, 2282, 3011, 3823, 3872, 4720, 5527, 5559, 6419, 8125, 9004
silicon 2292, 5527
starch 1003, 3011, 6480, 7355
sucrose 7355
development 3860
discoloration 3023
disorders 6480
endosperm, starch granules 6494
enzymes 290, 1699, 1703, 2988, 5537, 6480, 8152
filling 250, 993, 1703, 2318, 2999, 3010, 3023, 3860, 4712, 9034
temperature 3872, 6504
maturation 2315
moisture content 1715, 5517, 7321
morphology 9041
physicochemical properties 8160
quality 1669, 2305, 3858, 4719, 5517, 5527, 6447, 6480, 6504, 8160, 8974
brewing quality 2967, 3823
cooking quality 8109-8110, 8119
milling quality 973, 1715, 3823, 5559
moisture content 5518
reviews 4722
temperature 3872
set 2999
storage
diseases 2111
temperature 5568
translocation, carbohydrates 993
transpiration 9041
green manures
Aeschynomene 4679, 6435
Astragalus sinicus 2280, 2287, 3833
Azadirachta indica 6436, 8130
Azolla 269, 1022, 2289, 2300, 4670, 4687-4689, 6421
Azolla microphylla 980
Azolla pinnata 5525, 6444, 8117
Borassus flabellifer 8130
Canavalia ensiformis 1664
Cassia nigricans 8130
Chromolaena odorata 1381-1382
Crotalaria juncea 983, 985-987, 1685-1686, 4681, 6415, 7058, 8102
residual effects 6100
Cyamopsis tetragonoloba 983
cyanobacteria 2289, 6421
Desmodium ovalifolium 1664
Discolobium 4679
Gliricidia 6440-6441, 8973
Gliricidia maculata 5526, 6427
Gliricidia sepium 8131
Lathyrus sativus 8995
legumes 4684
Leucaena leucocephala 8130-8131
Neptunia 4679
Parthenium 3830
Pueraria phaseoloides 1664
Sesbania 982, 4648, 4679, 4685, 5525, 7311
Sesbania aculeata 1381-1382, 1685, 3830, 4670, 6436, 6961, 8102
Sesbania cannabina 985-987, 4677, 4682, 8995
Sesbania grandiflora 7331
Sesbania rostrata 267, 971, 980, 985-987, 1370, 2055, 4670, 4672-4673, 4681-4682, 4686, 5180, 6435, 8102-8103
Sesbania speciosa 987
soyabeans 1686, 4681
Tephrosia purpurea 987

Rice *cont.*
green manures *cont.*
Vigna radiata 1685, 6415
Vigna trilobata 987
Vigna unguiculata 983, 987, 4685, 6415
growth 4646, 7887
carbon dioxide 2324, 3881
dynamics 3842
estimation 9029
growth period 4724
cultivars 6496
growth rate 6481
growth regulators 294, 6489
growth stages 292
prediction, models 3013
mineral nutrition 2324
models 3000, 4731, 6483
photoperiod 5556
temperature 3881
growth analysis 1687, 1718, 2318, 8154
growth regulators
abscisic acid 250, 297, 3001, 3815, 3856, 4716, 5544, 5547, 7349, 8168, 9018, 9032
benzyladenine 4714, 5551, 6485, 8162, 9018
brassinolide 9032
brassinosteroids 6980
choline 3865
choline chloride 3815
cytokinins 3816, 4716
2,4-D 1011, 1713, 5551, 6495, 8162
dihydrozeatin 6487
endogenous growth regulators 6498
ethylene 999, 4707, 4715, 5546, 9032, 9035
fluridone 9032
forchlorfenuron 4716
fusicoccin 7349
gibberellins 330, 1014, 1708, 2307, 2964, 3815, 3855, 4653, 4716, 5502, 5541, 5546, 6486, 6488-6489, 6503, 8168, 9032, 9035
binding proteins 5545
binding sites 4713
growth inhibitors 3576
growth retardants 5515
IAA 3815, 4716, 5565, 6503, 8157, 8162, 9032, 9034
isopentenyladenine 5551, 6487
jasmonic acid 563, 4715, 6490, 9031
kinetin 1713, 5551, 6503, 8162, 9032
maleic hydrazide 4701
mepiquat 3821
methyl jasmonate 4715, 5544, 9031
NAA 1011, 1713, 5551, 8162
paclobutrazol 6489
polyamines 3008, 6484, 8158
putrescine 3865, 6486
salicylic acid 6479, 9033
spermidine 8156
spermine 8156
triacontanol 967, 4661, 8629
triazoles 1675
uniconazole 294, 2964, 3855
zeatin 3815, 4714, 6487
zeatin riboside 3856
gynoecium
composition
calcium 8159
proteins 8159
harvest index 5540
harvesting
harvesting date 251, 5517, 6424-6425, 7321
harvesting losses 251, 7320, 8114
estimation 7319
heading date 9045
heat injury 1718
cultivars 1716
heat resistance 1718, 8165
determination 3869
heat shock 8165
heat stress 298, 2321, 3869
herbicides 1675
acifluorfen 285, 9009-9010
alachlor 2985
anilofos 275, 278, 1689, 4695, 4697, 8140, 9004
azimsulfuron 287

Rice *cont.*
herbicides *cont.*
Bay foe 5043 2109
bensulfuron 2301, 2986, 7340, 9002, 9007
bentazone 1691
bifenox 285, 9009-9010
butachlor 272, 276, 278, 281-282, 446, 965, 989, 1689, 4649, 4695-4697, 7335, 8139-8140, 9004, 9008
chlorimuron 4697
chlorsulfuron 6467
cinosulfuron 9005
clomazone 2704, 2985
clomeprop 7340
2,4-D 275-276, 278, 281, 1674, 1689, 3836, 4649, 7339, 9004
daimuron 287, 2301, 9002, 9008
dicamba 276
dimepiperate 287, 2301, 7334, 9002, 9007
fenclorim 273, 7341
glyphosate 4699, 5228, 7336
haloxyfop 286
imazaquin 2985, 9008
imazethapyr 2985
imazosulfuron 9002
mefenacet 2301, 9002
metolachlor 2985
molinate 7334, 7338, 8141, 9002, 9007
nontarget effects 7335
oxadiazon 272, 277, 282, 285, 1674, 9009-9010
oxyfluorfen 278, 282, 284-285, 1689, 7340, 9004, 9006, 9009-9010, 9012
paraquat 7336
pendimethalin 280-281, 446, 7338
pretilachlor 273, 281, 288, 4695, 7334, 7341
propanil 1674, 7338, 8141
prosulfuron 3069
pyrazosulfuron 281, 2301, 9002, 9007-9008
pyributicarb 7340
quinclorac 7338, 8141, 9002
residues 6467
resistance 7337
safeners 287-288, 2986, 4695, 7335, 7340
sulfosate 4699
thiobencarb 282, 2300-2302, 7334, 7338-7339, 9002, 9004, 9011
tolerance 4699, 9012
toxicity 5228, 6467, 9007, 9011
hypoxia 7358
in vitro culture 3867
anaerobiosis 3866
androgenesis 1713
anther culture 9043
growth regulators 1011
regeneration 1011
bioreactors 295
callus, dehydration 8161
carbon dioxide 3864
composition
amino acids 6498
growth regulators 6498
nucleic acids 2996
polyamines 6498
proteins 2996
cryopreservation 5550
cultivars 6495-6496
culture media 296, 1713, 5553, 6499, 7353-7354, 8162
desiccation 6497
embryo culture 6502
embryos 5552
enzymes 998, 2996, 3008, 3866, 3877, 6495, 6497, 7353
growth regulators 1713, 3008, 3865, 5551, 6495, 8162, 9032
heat stress 8166
herbicides 284
metabolism
enzymes 9023
lipids 3865
phosphorylation 1010
polyamines 1696, 3008

Rice *cont.*
in vitro culture *cont.*
metabolism *cont.*
proteins 1010
mineral nutrition 2996
mineral uptake 6497
osmotic stress 9042
oxygen 295
photosynthesis 5552
phytoalexins 1009
pollen 9044
protoplast culture, regeneration 6501
protoplasts 5550, 6499
regeneration 998, 1010, 1713, 3864, 3866, 4721, 5551, 6495, 6497, 6499-6500, 7354, 8161, 8166, 9043-9044
regenerative ability 998, 3008
salinity 3877, 9042
salt tolerance 9042
seeds 6496
somatic embryogenesis 8162
insect pests, *Cnaphalocrocis medinalis* 8144
insecticides
carbaryl 2311
carbofuran 1675, 8144
cartap hydrochloride 8144
endosulfan 3618
etofenprox 8144
HCH 965
monocrotophos 2311
phosphamidon 2311
toxicity 3618
intercropping
Brachiaria dictyoneura 4649
Cajanus cajan 446, 7547
cocoa 8100
sesame 1372
Sesbania rostrata 4686
soyabeans 1372, 7312
Stylosanthes guianensis 4649
Tectona grandis 3814
Vigna mungo 238, 1372, 7312, 8619
Vigna radiata 238, 7312, 8619
internodes
enzymes 5546
metabolism 5546
osmoregulation 5546
irradiation
gamma radiation 3025, 7360
ions 7360
ultraviolet radiation 1025, 3837, 3885, 4730, 5565, 7361, 8177
irrigation 5496, 5510, 6421
brackish water 248
drainage water 244
furrow irrigation 4659
irrigation requirements 7316
models 6505
irrigation scheduling 249, 1674, 3820, 5505, 7317, 8974
irrigation systems 6423
sodic water 3574
sprinkler irrigation 247, 3820, 6422
weed control 7318
leaf area, growth stages 3016
leaf area index 3021, 3842, 8983
determination 5566
leaves
anatomy 2972
buds, development 8155
canopy 1712, 7342
reflectance 1026, 8179
spectral data 6513
chemiluminescence 8153
colour, measurement, equipment 2327
composition
amino acids 3874
calmodulin 5565
carbohydrates 1703, 2316, 3839
carotenoids 5560
cerebrosides 6119
chlorophyll 254, 1025, 3878, 5560, 8146, 8167, 8552, 8971, 9004
determination 1710
estimation 1710
dry matter 1703
growth regulators 5565
hydrogen peroxide 3880

Rice *cont.*
leaves *cont.*
composition *cont.*
nitrates 8552
nitrogen 267, 291, 995, 1025, 1669, 1723, 3021, 5559, 9014
polyamines 4730
potassium 3021
proline 8552
proteins 1005, 1025, 6469
sodium 3021
sphingolipids 6119
volatile compounds 1692
cutting 8113
development 5554, 5560, 7348-7349, 8169
models 1704
emission, methane 7351
enzymes 1025, 1698, 1703, 2309, 3880, 3884, 4716, 5558, 5565, 6478, 8107, 8153, 9004, 9018
flag leaf
chloroplasts 2987
composition
chlorophyll 2995
nitrogen 2987
proteins 2995
enzymes 2307, 2995, 3840, 3850, 8151
leaf conductance 3840
photosynthesis 2987, 3840
gas exchange 6469
growth 1669
growth regulators 4715
guttation 7359
leaf age 6469
leaf area
estimation 3006
temperature 9051
metabolism 4716, 5558, 5560, 9018, 9052
carbohydrates 8151
morphology 2972, 3005, 7349
number, models 1714
orientation 7342
reflectance 1712, 3007
senescence 2995, 3854, 4714-4716, 6469, 9018, 9031
stomata, frequency 3863
stomatal resistance 300, 992, 2988, 3014, 3838, 5538, 5557, 6470, 9050
air pollution 3878
ultrastructure 3003-3004
uptake, ammonia 8776
vascular bundles 5535, 5563
area 5542
water potential 2317, 3014, 3838, 7317, 9049
light 2303, 7355, 9046
blue light 3012
far red light 334
interception 2317, 4660, 5540
red light 334
use efficiency 2317, 3016, 8163
light intensity 1012, 1698, 2321, 3011, 3841, 5554
cultivars 5555, 8164
lodging 2997, 4660, 5511-5513, 5523, 6418
cultivars 2979, 5516, 9040
fertilizers 5516
growth regulators 5515
resistance 1002, 8976
sowing date 5504
tolerance, measurement 8178
maturity stage 292
metabolic regulators, calcium 4714
metabolism
acetylcholine 749
amino acids 9055-9056
γ-aminobutyric acid 1020
ammonia 4704
ammonium 9018
antioxidants 297
carbohydrates 1015, 3928, 4728, 6489
carbon 4664
carotenoids 5560, 8169
chlorophyll 1015, 5560, 8164, 8169

Rice *cont.*
metabolism *cont.*
glutathione 7341
growth regulators 9035
herbicides 287-288, 2986, 3069, 7340-7341
lipids 2321, 7355
nitrate 9018
nitrogen 2307, 4664, 9055
nucleic acids 4716, 8171
phenolic compounds 8177
phosphorylation 1010, 9052
phytoalexins 3837
polyamines 298, 6484
proteins 1010, 4716, 5555, 5558, 6490, 8164, 9011, 9052
protoporphyrin 9006
putrescine 9056
salicylic acid 6479
starch 6489, 7355
sucrose 7355
sugars 5546
terpenoids 1709
mineral nutrition
aluminium, toxicity 4706, 8121
boron, toxicity 2304
cadmium, toxicity 3879-3880, 8171
calcium 2995, 3845
copper 4725, 8176
deficiency 9513
foliar diagnosis 9513
techniques 1695
iron 4707, 8149
toxicity 289, 3822, 8121
lead, toxicity 303, 3879-3880, 9033
mercury, toxicity 303, 9033
molybdenum 263
nitrate 3843, 6236
nitrite 3843
nitrogen 263, 995, 1705, 1723, 2988-2990, 5535, 6468-6469, 6474, 6476, 8117, 8150, 8176, 9017, 9049
ammonium nitrogen 4704
foliar diagnosis 969, 4708
sources 2996, 9015
toxicity, determination 997
phosphorus 2324, 4674, 6473, 6475, 8122, 8176
deficiency 1696, 2992, 4703
potassium 263, 2977-2978, 3844, 7349, 8148, 8150, 8987
deficiency 6472
selenium 4709
silicon 4702, 7330, 9016
deficiency 7343
reviews 4705
sulfur 8148
zinc 8150, 8176
deficiency 1681, 1684
mineral uptake 6101, 6236
cadmium 2977-2978
calcium 984, 1664, 3844-3845
chromium 6471
determination, techniques 2991
elements 6503
magnesium 984, 1664, 3844
nitrogen 240, 255, 267, 269, 282, 971-972, 984, 989, 1022, 1381, 1664, 1679, 1697, 2305, 2979, 2989-2990, 2993, 3021, 3819, 3829, 4677, 4682, 4690, 4726, 4729, 5196, 5519, 6415, 6427-6428, 6432-6433, 6436, 6444, 6476, 7400, 8117, 8126, 8163, 8619, 8979, 9014, 9049
determination 1695
growth stages 1678
sources 2306, 9015
phosphorus 268, 282, 738, 975, 977, 984, 1664, 2285, 2994, 3819, 4672-4673, 4677, 4727, 6415, 6433, 6473, 6475, 7400, 8121, 8126, 8619, 8986
determination 6106
potassium 238, 282, 984, 1664, 1721, 2291, 3021, 3819, 3843-3845, 4677, 6415, 6433, 7400, 8126, 8987
cultivars 3846
radionuclides 2991

Rice *cont.*
mineral uptake *cont.*
rubidium 2991, 3843
silicon 268
sodium 2291, 3021, 3844-3845
sulfur 3832
zinc 6428, 8149
mulches, plastic film 2970
multiple cropping 1370, 4358, 7799, 8995
Cajanus cajan 9478
Cicer arietinum 2286, 6086, 6414
cotton 7813
Eleusine coracana 3470, 7813
groundnuts 6086, 6969
Guizotia abyssinica 3470
Lens culinaris 6086
maize 249, 977, 6086
peas 6086
potatoes 249
Ricinus communis 6969
safflower 9478
sesame 6076, 6971
sorghum 9478
soyabeans 3470, 7813
sunflowers 6969
Vietnam 9557
Vigna mungo 249, 6076, 6969
Vigna radiata 249, 6076
Vigna unguiculata 6086
wheat 6086, 8104
mycorrhizas 7400
Glomus 8176
nitrification inhibitors 1679
nitrogen fixation 972, 1024
books 5250
cultivars 6511
panicles
composition
amino acids 9044
nitrogen 267
development 3014, 3854, 3861
models 1704
temperature 9051
emission, methane 7351
length 5530
metabolism, carbohydrates 8151
morphology 3861
temperature 9044
vascular bundles 5549
pesticides 1673
pests 4442
Anas acuta 7871
Anatidae 8143
Leptocorisa oratorius, control 965
mites 3023
Nilaparvata lugens, resistance 1692
Rhyzopertha dominica 901
Sitotroga cerealella 901
Tribolium castaneum 901
photoperiod 1714, 5556
models 3013
photosynthesis 3840, 5552, 6470
blue light 3012
carbon dioxide 3838, 3841, 3883, 8175
carbon dioxide enrichment 3884, 4728
carbon pathways 9013
determination, models 7342
diseases 8146
diurnal variation 1694, 6991
electron transfer 2303
enzymes 2303, 9013
estimation, techniques 3839
fertilizers 7328
gas exchange 992, 3014, 3838, 3841, 6469
growth regulators 6489
growth stages 291, 995
leaf age 1694, 6469
light 2303, 3841
lodging 4660
mineral nutrition 995, 2987-2988, 6473
models 992
net assimilation rate 3021, 5540, 6469
photoinhibition 2321
photosystem I 2303, 2321, 6991
Rice *cont.*
photosynthesis *cont.*
photosystem II 1019, 2303, 2321, 3501, 6991, 8145
plant density 8971
salinity 300, 1019
temperature 3841, 3883-3884, 4728, 5558, 8145
water relations 3841
water stress 2316, 2988, 3838, 5557
plant anatomy 9039
plant competition
weeds 274, 280, 990, 2299, 2323, 2984, 4698, 4700, 7333, 8142, 9003
models 279
plant density 242, 1673, 3819, 4722, 5503, 6417, 6420, 6429, 8110-8111, 8971
plant development
models 3013, 6505
temperature 6505
models 2320
plant height 6448
cultivars 6496
plant morphology, image processing 3531
pollen, development 2973
pollen germination, acid rain 3024
pollination 8159
pollution
cadmium 2977-2978, 5221, 8172-8173
copper 8172
lead 303, 8172
mercury 303
radionuclides 1722
strontium 1722
zinc 8172-8173
precipitation 1715, 3015
protoplasts
herbicides 284
isolation 8153
ratooning 243, 1676, 5497, 6434, 6481
relative humidity 1013, 5546
relay cropping
barley 5498
Guizotia abyssinica 1381-1382
Linum usitatissimum 1381-1382
remote sensing 1026
radar 6512
reflectance 8179
respiration
diseases 8146
light 6468
mineral nutrition 6468
photorespiration 5557
temperature 5558
rhizosphere, acidification 4703
ripening 3854
root exudates 6491
enzymes 2992
potassium 3843
rubidium 3843
siderophores 8149
root inoculation
Azospirillum brasilense 4729
bacteria 1022
Enterobacter cloacae 5564
Klebsiella oxytoca 5564
root shoot ratio 6475, 7356
models 5543
root systems 8154, 8976, 9026, 9030
development 3856
roots
cell membranes
damage 3843
permeability 303
coatings, iron 8149
composition
chloride 6509
copper 5221
hydrogen peroxide 3880
magnesium 5221
manganese 5221
nitrogen 3856
phosphorus 2992, 6475
potassium 5221
proteins 8824
sodium 6509
zinc 5221
Rice *cont.*
roots *cont.*
cutting 9026
density 8982
depth
estimation, techniques 1711
reviews 1702
development 1002, 1006, 1705
differentiation, reviews 1702
distribution 7317
enzymes 2992, 3880, 5544, 6477, 6484, 6493, 9021
gas exchange, oxygen 4703
growth 3017, 6484, 8982, 9027-9028
fertilizers 7328
irradiation 3025
reviews 1702
growth regulators 3856, 6484
ion exchange 4703
length 5543, 8982, 9027
reviews 1702
water stress 2317
mechanical properties, measurement 8178
metabolism 6484
γ-aminobutyric acid 1020
mineral uptake 2991
morphology 1006, 4703, 9040
reviews 1702
pH 3843
porosity 4703
respiration 6493, 6514
root hairs, pH 4704
senescence 3856
temperature 9019
thickness 1002
treatment, zinc 8994
uptake
betaine 1019
oxygen, models 6514
vigour 6493
rotations 4359, 7311, 8988
Cicer arietinum 2286
Crotalaria juncea 6415
fallow 1685, 5496, 6415
maize 4648, 4681, 6101
Pennisetum glaucum 6415
sesame 6415
sorghum 1685
soyabeans 800, 6101
sugarcane 6100
tobacco 6038
Vigna mungo 4648
Vigna radiata 6415
wheat 800, 1044, 4665, 8104, 8988
salinity 236, 299-300, 1016, 1019, 1721, 2291, 2322, 3021, 3023, 3844-3845, 3876-3877, 5560, 6508, 7356-7357, 8112, 8169, 8824
salt tolerance 300, 1019, 1721, 2322, 3876, 6509
cultivars 3021, 5560, 6508, 8169, 8824
seed inoculation
Azospirillum, strains 1023
bacteria 335
cyanobacteria 335
Glomus fasciculatum 7400
Glomus mosseae 7400
Glomus versiforme 7400
seed production
hybrid seed production 8977
sowing date 4662
seed testing 5567
seed treatment
acetic acid 2111
calcium chloride 4652
calcium peroxide 966, 2966
choline chloride 3815
clay 966
coatings 966, 5500-5501, 5610
disinfection 5513
enzymes 3019
ethanol 5539
growth regulators 2964, 3855, 4653, 5502, 5547
heat shock 2998
herbicide safeners 7335
husking 5539
hydrogen peroxide 3777
irradiation 3025, 7360

Rice *cont.*
seed treatment *cont.*
microwave radiation 2998
osmotic pretreatment 5610
penicillins 161
potassium chloride 8107
pregermination 2961, 4655, 5498, 5501, 5513
scarification 5502
soaking 2964, 5513, 5547
soaking/drying 2961
temperature 2319, 5502
testa removal 3816
urea 3875
zinc sulfate 1684
seedbed preparation 1665, 2278, 4647, 5505
seedlings
anatomy 6493
anoxia 8170
broadcasting 8970
cell membranes, plasma membranes, enzymes 4710
cold resistance 3019
composition
betaine 1019
chlorophyll 1019
heat shock proteins 9038
pigments 334
potassium 3876
protein 1019
sodium 3876
development 3856, 7349
emergence 966, 2962, 6419, 8972
seed treatment 4653, 5501, 5610
soil physical properties 5561
soil types 5561
enzymes 2310, 3019, 3876, 5537
establishment 8970
growth 1014, 1701, 3816, 4707, 5507, 9035, 9046
carbon dioxide 4727
growth regulators 8158
light 334, 1012
seed treatment 3025
temperature 1018
thermal spring water 5563
growth regulators 3815, 9032
metabolism, phytoalexins 3847
mineral uptake
aluminium 4680
manganese 4680
nitrogen 4680
phosphorus 4680
potassium 4680
silicon 4680
morphology 1007, 6493, 7349
plasma membranes, enzymes 8165
production 272, 1669-1670, 6493, 8108, 8983
techniques 4658
root systems 6493
rooting, light 1012
roots
cutting 9026
growth 1018
submergence 1014
temperature 2963
treatment, lanthanum chloride 8167
uptake, amino acids 8147
vigour 5567
waterlogging 301
seeds
aging 2965, 5610, 9059
aleurone layer, enzymes 7345
anoxia 4754
cell walls, composition, glucans 9037
composition
amino acids 299
carbohydrates 7352
copper 4725
minerals 2075
oils 3859
proteins 299, 1412, 3859, 7352
density 5542
development 9037
enzymes 3849
dormancy 2319, 5539
cultivars 4711
dormancy breaking 743
dormancy breaking 5502

Rice *cont.*
seeds *cont.*
dormancy breaking *cont.*
seed treatment 1700
drying 1412, 2106
embryos 3857
endosperm
composition
amylose 2313
proteins 1004, 2313
enzymes 6488
growth regulators 6488
enzymes 161, 1000, 1004, 4652, 4754, 5537, 5547, 8152, 9024, 9059
longevity 6515
filling 3010
germination 1701, 2961, 3853, 5511, 9024
accelerated aging 5226
allelopathy 6122, 7357
anoxia 996, 3928, 9054
cadmium 8171
carbon dioxide enrichment 4727
cultivars 2997, 6496
enzymes 996, 3855, 6486, 8168, 8171, 9020, 9054
growth regulators 3855, 6486, 8156, 8158, 8168, 9033
irradiation 3025
lodging 2997
metabolism 3928, 8171
polyamines 3848
pollution 9033
salinity 299, 6508, 7356-7357, 8168
seed treatment 161, 3777, 3815-3816, 4652, 5500, 5539, 5610
storage 4711, 5226
submergence 9054
temperature 8156
cultivars 6507
thermal spring water 5563
imbibition 2998, 5610
seed treatment 5500
longevity 4662
maturation, enzymes 9020
metabolism
phosphorylation 5547
proteins 5547
moisture content 6516
determination 8684
permeability, minerals 2998
preharvest sprouting 2315
cultivars 2293
provenance 7352
set 3018
size, cultivars 6496
storage 5226, 6516, 9059
diseases 901
longevity 6515
pests 901
relative humidity 901
temperature 901
testas 3853
viability 5226, 9059
storage 4711
vigour 2965, 3777, 4652, 5567, 6516, 9059
cultivars 6496
seed treatment 5610
waterlogging 301
water relations 6111
shading 967, 3010-3011, 3868, 5554
cultivars 8164
growth stages 2318
shoots
cell membranes
binding sites 4713
permeability 303
composition
calcium 2981
copper 5221
magnesium 2981, 5221
manganese 5221
nitrogen 2981
phosphorus 2992, 6475
potassium 5221
zinc 5221
development 1008, 3862, 5541

Rice *cont.*
shoots *cont.*
enzymes 5544
internodes 5541
metabolism, antioxidants 297
morphology 1008, 3862
soil 4359
aluminium 2981
carbon 2981
manganese 2292
nitrogen 252, 800, 2312, 2981, 2993
phosphorus 1680, 2312, 4674, 8986
potassium 264, 2312, 2981, 9513
redox potential 4726
silicon 2292, 4702
sulfur 3832
soil amendments 2989
coir 8127
crop residues 268
fly ash 2075
gypsum 8127
lime 2292, 3822, 5528, 8996-8997
peat 4725
rice straw 5509
slags 5528, 8996
straw 2287
zeolites 8119
soil conservation 2283
soil fertility 2075, 3022
cultivars 302
soil flora, Cyanobacteria 972
soil inoculation
Anabaena oryzae 5503
Aulosira fertilissima 5503
Azospirillum brasilense 307
Cyanobacteria 1024, 6436
Glomus 8176
Nostoc muscorum 5503
Tolypothrix tenuis 5503
soil pH 3822, 4726
soil physical properties 2075
soil properties 4651
soil temperature 8972
soil texture 2075
soil types 236, 1680, 4725, 9513
andosols 8119
soil water content 246, 5509
sowing
comparisons, transplanting 1671-1672, 2282, 2968, 3873, 4655, 4697, 5506, 5508, 5512, 8970, 9478
surveys, Philippines 2281
sowing date 270, 2969, 3818, 3858, 3873, 4656, 5498, 5504, 6417, 6419, 6424-6425, 9002, 9047
sowing depth 5501, 5509, 7314
sowing methods 1668, 1672, 5505, 5510, 5512-5514, 8140
broadcasting 240, 4649, 5511, 6418
comparisons 1667
direct sowing 1671, 2067, 2966, 2974, 3817, 5511, 6418, 7314, 8109, 8968, 9027, 9478
sowing rates 239, 265, 3813, 5498, 5512-5513, 5515, 8108, 8110, 8983
space science 9536
spacing 270, 989, 1372, 2289, 4669, 5503, 6418
spikelets
development, temperature 9051
estimation, techniques 9001
number 1001
stems
composition
carbohydrates 1703
dry matter 1703
minerals 2075
nitrogen 267
starch 2979
sucrose 2979
enzymes 994, 1703
growth 2975
internodes
growth 293, 7348
length 9048
mechanical properties 5516
metabolism
carbohydrates 8151
sucrose 994
translocation, photosynthates 994

Rice *cont.*
stems *cont.*
vascular bundles 5535
sterility 1717, 2292, 2982, 3002, 3009
male sterility 7350
submergence 994, 6421, 7348
tolerance 1014-1015
taxonomy 7887
temperature 297, 967, 1017-1018, 1021, 2325, 2963, 2966, 3017-3018, 3841, 3872-3873, 3881-3884, 4700, 4710, 5558-5559, 5562, 6504, 8156, 9046, 9051
heat sums 2320, 4724
models 89, 3013
threshing 8114
tillering 292, 1671, 1706-1707, 4664, 5554
mineral nutrition 6474
tillers 8971
development 1707, 2964, 4657, 5541
internodes 5541
meristems, development 8155
translocation
calcium 3844
carbohydrates 293, 3021
chromium 6471
herbicides 287, 2302, 7340
magnesium 3844
nitrogen 1723, 3022, 6476, 9000
phosphorus 3022
photosynthates 293, 1013, 5540, 6470
potassium 3022, 3844
sodium 3844
source sink relations 3842, 6470, 8151, 8163, 9046
sugars 2316
water stress 2316
transpiration 2311, 3014, 3841, 3870, 5557, 9050
air pollution 3878
salinity 300
transplanting 1669, 1718, 3017
comparisons
broadcasting 240
direct sowing 1672, 2282, 2968, 3873, 4655, 4697, 5506, 5508, 5512, 9478
date 241, 1670, 2967, 3842, 3873, 4654, 4657, 6420, 7313, 8969, 8980
methods 5503
seedling age 2282, 3873, 7313
spacing 2289
tropisms
gravitropism 944
phototropism 5548
USA, Louisiana 4647
vascular bundles 4664
water conservation 2283
water management 239, 243, 245, 258, 273, 278, 2301, 2966, 5511, 7316-7317, 8174, 8975
reviews 7315
weed control 7318
water requirements 2968, 4422, 7316
water stress 246, 2316, 2988, 3014, 3869, 5538, 5557, 6493, 6503, 9049-9050
cultivars 302
growth stages 2317-2318, 8174-8175
water uptake 5221
water use 4422
water use efficiency 2317, 3841, 3870, 7316, 8175, 8974
waterlogging 301
weather 2315, 2982, 3009
weed control 237, 9002
burning 272
cultivation 2279, 8106, 8139
cultural control 273, 278, 283, 989, 1690, 2300-2301, 2984, 7318, 7336, 8140
herbicides 272-273, 275-278, 280-282, 446, 989, 1689, 1691, 2300-2301, 2704, 4695-4697, 7334-7339, 7341, 8106, 8139, 8141
integrated control 1690, 7336
manual weed control 272, 278, 446, 989, 2300, 4649, 4695, 4697,

Rice *cont.*
weed control *cont.*
manual weed control *cont.* 5522, 7334, 7339, 8105, 8139-8140
physical control 282, 1690
weeds 279, 4442
allelopathy 2323
Alopecurus aequalis 7336
Aneilema keisak 7336
Cyperus difformis 274
Cyperus iria 274, 8139
Cyperus rotundus 8139, 8142
Echinochloa colonum 283, 9003
Echinochloa crus-galli 990, 4700, 7336, 7338, 8141
Ischaemum rugosum 280
Leersia japonica 7336
Leptochloa chinensis 2299, 7333-7334
Ludwigia octovalvis 274
Monochoria vaginalis 274, 6465
red rice 7337
Scirpus juncoides 274
wind 3023
yield components 1676, 1688, 3882, 5520, 5535, 5540, 6481
estimation 9001
growth regulators 967
mineral nutrition 2988
shading 3868
water stress 2318, 2988
yield correlations 1718, 4690, 5520, 6453, 6457
cultivars 8133
shading 3868
yield losses, reviews 767
yield targets, models 6417
yields
China, Guangdong 6413
estimation 4732, 9057
India, Tamil Nadu 6445
models 1724, 4732
seasonal variation 8999
stability 6455, 8999

Ricinus communis
agroforestry 4360
cells
metabolism 9374
plasma membranes, translocation 639
vacuoles, enzymes 1273
chlorophyll, fluorescence 6991
cultivars, Spain 4274
cultivation
harrowing 6969
no-tillage 6969
ploughing 6969
rotary cultivation 6969
enzymes
adenosinetriphosphatase 9375
cysteine proteinases 5918
inorganic pyrophosphatase 9375
phospholipase d 1273
fertilizers
crop residues 3378
nitrogen 8508
NPK fertilizers 3378, 7814
residual effects 636
phosphorus 8508
pig manure 3378
poultry manure 3378
rice husks, residual effects 636
sulfur 1380
flowers
anthers
cell walls 6858
dehiscence 6858
ultrastructure 6858
growth regulators, abscisic acid 1274
hypocotyls
anatomy 641
development 641
intercropping
Cajanus cajan 8623
Cyamopsis tetragonoloba 8623
sesame 8623
Vigna mungo 8623
irrigation
flood irrigation 720
sprinkler irrigation 720
trickle irrigation 720

Ricinus communis *cont.*
leaves, nastic movements 6991
light, use efficiency 1973
metabolism
fatty acids 8509, 9374
nitrate 4275
phosphate 4275
proteins 4276
mineral nutrition
nitrogen 5087
phosphorus, deficiency 2600, 4275
mineral uptake
nitrogen 2600, 4275, 5087, 8508
phosphorus 738, 4275, 8508
multiple cropping, rice 6969
nutrient uptake, amino acids 5917
photosynthesis 5087
diurnal variation 6991
photosystem I 6991
photosystem II 3501, 6991
plant density 4274, 5086
plant height 4274
pollen, dispersal 6858
relative humidity 6858
root shoot ratio 2600
rotations 5183
seed treatment, osmotic pretreatment 1972
seedlings
cotyledons, enzymes 9375
emergence
seed treatment 1972
sowing date 1972
seeds
composition
cyclitols 7832
fatty acids, determination 7691
oils 4274, 8508
determination 7691
oligosaccharides 7832
desiccation, tolerance 7832
development 2601, 4276
dormancy 2601
drying 4276
endosperm
enzymes 5918
glyoxysomes, binding sites 5919
metabolism 4276, 8509
translocation 8509
maturation 4276
sowing date 1972, 4274, 5085
spacing 5086
translocation
amino acids 639, 5917, 8510
carbon 2600
growth regulators, estimation 1274
malic acid 8509
nitrogen 4275
phosphorus 4275
pyruvic acid 8509
sucrose 638-639
trace elements 637
transpiration, mineral nutrition 2600
tropisms
gravitropism 641
heliotropism 3501, 6991
water stress 1274
water transfer 4277
water use efficiency
sowing date 1973
weather 1973
waterlogging 640
weeds
Cuscuta reflexa 5087
parasitic weeds 5087

Romania
agricultural meteorology 7132, 7852
barley, cultivars 124
maize, cultivars 193, 3751
sunflowers, cultivars 7700
Triticum durum, cultivars 7075

Root crops
India, reviews 5012
mineral nutrition 4453
storage 5861

Root shoot ratio
carbon dioxide enrichment, reviews 7823, 7839
mineral nutrition, reviews 4407
models 4405, 4412

Root systems
carbon dioxide enrichment, reviews 7823
models 7023
Roots
anoxia, reviews 9534
carbon dioxide enrichment 7826
cell division 7856
cell walls 7856
cells, growth 2079
development 2079
enzymes 1396
acid phosphatase 7826
growth
carbon dioxide, reviews 7821
growth rate, models 7011
measurement, techniques 4436
mineral nutrition, reviews 4431
models 4116
reviews 7836, 7856
hypoxia, reviews 9534
longevity, reviews 7835
meristems, initiation, mineral nutrition 7000
metabolism, reviews 9534
mineral uptake, reviews 4431
respiration, carbon dioxide, reviews 7821
soil variability, reviews 4431
tropisms, gravitropism 9526
water potential 7856
water transfer
models 3511, 4400
reviews 4400
water uptake, models 3511, 4404
Roselle (*see Hibiscus sabdariffa)*
Rotations (*see also* Farming systems)
Avena nuda 2670
barley 111, 773-774, 1875, 2062, 2068, 2670, 2844, 3298, 3472, 3476, 3479, 3695, 3889, 4359, 4365, 5281, 5296, 6078, 6156, 6302, 6305, 6964, 6972, 7385, 7795, 7899, 7998-7999, 8627, 8637, 8849, 9290, 9488
Brassica 8715
Brassica campestris var. *toria* 2064
Cajanus cajan 5183, 6517, 7311
cereals 6541
Cicer arietinum 1450, 2286, 4365, 5266, 8624
Colocasia esculenta 4214
cotton 593, 1948-1949, 3337, 3588, 4368, 5013, 5016-5017, 5020, 5027, 5863-5864, 5869, 7677, 9492
Crotalaria juncea 6415
fallow 5296, 5608, 7800, 8720
flax 2670
fodder beet 6972
groundnuts 2477, 5183, 7783, 8620, 9492
Lablab purpureus 4368
legumes 593, 7800
Lens culinaris 7311, 8410, 8624, 8715
Linum usitatissimum 1454, 6165, 6302, 6964, 7693, 7818, 7896, 7999, 8624, 8627
Lupinus 6972
Lupinus albus 2670, 4365, 7894
Lupinus angustifolius 462, 4365, 6964
maize 1, 15, 111, 153-154, 159, 178, 188, 359, 773-774, 1044, 1581, 1588, 1591, 1597-1598, 1605, 1612, 1875, 2062, 2064, 2068, 2670, 2878, 2881, 2884, 3115, 3472, 3594, 3739, 4648, 4681, 5013, 5027, 5608, 5801, 5869, 6078-6079, 6156, 6302, 6305, 6405, 6964, 7072, 7082, 7210-7211, 7228, 7795, 7802, 7815, 7896, 7923, 7999, 8627, 8635, 8743, 8849, 8878-8879, 8882, 8884, 8887, 8903, 8910, 9060, 9483, 9488, 9492
Medicago sativa 3472, 7072
oats 111, 154, 2361, 3476, 3889, 6302, 6964, 6972, 7157, 7818, 7899, 7999, 9483, 9495
Ornithopus sativus 6964
peas 154, 188, 1454, 1591, 1612, 2064, 3472, 3695, 4365, 5289, 6156, 7898, 8715
Pennisetum glaucum 5183, 6415, 9492
Phaseolus vulgaris 3476, 5749, 9105
Rotations *cont.*
potatoes 1, 541, 715, 2064, 3298, 3475, 3695, 5182, 5281, 6081, 7632, 7818, 7896, 7899, 8627, 8637, 8849, 9495
rape 1454, 2670, 3479, 7157, 7712-7713, 7795, 8721
Raphanus sativus var. *oleifera* 8715
Raphanus sativus var. *oleiformis* 7800
rice 800, 1044, 1685, 2286, 2477, 4359, 4648, 4665, 4681, 5496, 6038, 6100, 6170, 6415, 7311, 7770
Ricinus communis 5183
rye 111, 2361, 3475, 6972, 7818, 7877, 8849, 9495-9496
sesame 2605, 5016, 6100, 6415
Sinapis alba 7800, 7877
sorghum 111, 1462, 3889, 5017, 5183, 5570, 5608, 5869, 6078, 6517, 7061, 7210, 8620, 9060, 9235, 9492
Sorghum sudanense 7072
soyabeans 154, 159, 178, 359, 773-774, 800, 1597-1598, 2068, 2477, 2670, 3083, 3115, 3594, 3739, 4359, 4368, 5016, 5027, 5289, 5570, 5864, 6078-6079, 6302, 6787, 6964, 7802, 7999, 8620, 8624, 8635, 8879, 8882, 8903, 9105, 9108, 9483, 9488
sugarbeet 715, 1588, 1875, 1886, 3472, 3476, 3594, 5182, 7677, 8627, 9290, 9496
sugarcane 6021, 6100, 7770, 7783
sunflowers 1450, 1588, 4286, 5183, 6078, 7210
sweet potatoes 4214, 6787
sweetcorn 6787
tobacco 6007, 6038
Trifolium incarnatum 5013
Trifolium pratense 7899, 8637
Trifolium repens 1
triticale 154, 3695, 3697
Triticum durum 1588, 4464, 6078
UK 6131
Vicia 5013, 8715, 9495
Vicia faba 715, 1450, 3472, 4368, 5289, 6081
Vicia sativa 2670, 6302, 6964, 7999
Vigna mungo 2064, 4648, 5801, 7228
Vigna radiata 2064, 2477, 5183, 5801, 6415, 7228, 8620, 9235
Vigna unguiculata 5801, 7228, 7770, 7815
wheat 1, 15, 111, 359, 462, 800, 829, 1044, 1450, 1453-1454, 1462, 1591, 1612, 1875, 2068, 2361, 2670, 2740, 2764, 3083, 3337, 3472, 3475-3476, 3479, 3588, 3594, 3889, 4365, 4468, 4665, 5017, 5020, 5182, 5261, 5263, 5265-5266, 5281, 5289, 5296, 5608, 6081, 6156, 6164-6166, 6170, 6229, 6744, 6964, 7056, 7059, 7061, 7072, 7082, 7111, 7211, 7311, 7385, 7713, 7795, 7800, 7802, 7815, 7818, 7877, 7894-7896, 7898-7899, 7923, 7998, 8627, 8635, 8637, 8715, 8717, 8721, 8743, 8879, 8910, 9108, 9488, 9496
Russia
farming systems
arable farming 3918
intensification 3918
maize, cultivars 2237, 2900
peas, cultivars 3174
sorghum, cultivars 1029, 2237, 2338-2339
soyabeans, cultivars 3955
sugarbeet, cultivars 2490
sunflowers, cultivars 3392
Triticum durum, cultivars 5304
wheat, cultivars 27, 2770, 3174
Rwanda, farming systems, agroforestry 5191
Rye
air pollution, heavy metals 5214
biomass, estimation, techniques 7168
biomass production 9085
catch crops 3474, 6985
chemical composition 7887
allelopathins, reviews 1048
chlorophyll 4553
Rye *cont.*
chemical composition *cont.*
flavonoids 4553
heavy metals 5214
lithium 1542
magnesium 2193
nitrogen 8641
trace elements 5215
zinc 3693, 6548
climatic change 8017
cold hardening 1543-1544, 5219, 7167
cold resistance 1541, 7167
sowing date 8210
coleoptiles
cell growth 864
cell walls 864
growth 864
tropisms, gravitropism 1047, 9391
cover crops, soyabeans 1062
crop husbandry 7887
crop management, Kenya, reviews 9086
crop production 7887
Germany 4552, 5373
cultivars 6985
Denmark 3691, 5375, 6104, 8638
Germany 2837
Italy 6288
UK 9088
USA, Georgia 1743
AC Rifle 5376
Bates 112
cultivation
crop residues, incorporation 3475
depth 3475
dry matter accumulation 7397
ecology 7887
enzymes
chitinase 2838
inhibitors 6291
nitrate reductase 1510
oxidoreductases 1543
ribulose-bisphosphate carboxylase 1544
superoxide dismutase 8773
urease 8641
farming systems
alternative farming 3475
organic farming 2060
fertilizers
cattle manure 6442
composts 4551, 6287, 7817, 9496
crop residues 3475, 4378
factory effluents 6287
farmyard manure 863, 2361, 7818
residual effects 2836
fermentation wastes 6287
manures 6972, 9495
nitrogen 113, 863, 1510, 1742, 2361, 2836, 3691, 3929, 4550, 5375, 6286-6287, 6442, 6985, 9087, 9491, 9495-9496
application date 2192, 5374, 8844-8845
application depth 2835
foliar application 5374
foliar diagnosis 8845
requirements 1539
use efficiency 2192, 2762, 2835, 3493, 8844-8845
models 2135
NPK fertilizers 863, 4378, 4551, 7818
organic fertilizers 9095
phosphorus 723, 1510, 2361, 3929, 6986, 8845, 9087, 9493, 9495
use efficiency 3493
pig manure 6442
pig slurry 3493
potassium 2361, 8845, 9087, 9495
slurries 3475
zinc 6548
frost injury 7166
frost resistance 5219
reviews 7165
sowing date 8210
grain
composition
amino acids 2836
cadmium 2060
elements 4552
enzyme inhibitors 6291

Rye *cont.*
grain *cont.*
composition *cont.*
lignans 2839, 7996
lysine, determination, techniques 3926
molybdenum 6290
nitrogen 2836
polysaccharides 2839
proteins 1742, 4552, 5374, 7996
resorcinols 2839
starch 7996
ethanol production 1742
moisture content 9090
morphology 9090
quality 5375
baking quality 4552, 7996
milling quality 4552, 4555
ultrastructure 4555
green manures 3475
growth 7887
growth rate 7397
growth regulators
chlormequat 4550
growth retardants 4550
humic acids 2799
hail damage 9093
harvesting
harvesting date 5375
harvesting losses 7807
machinery 7807
herbicides
bromoxynil 762
dichlorprop 762
ioxynil 762
MCPA 762
in vitro culture, protoplast culture, temperature 7166
irradiation, ultraviolet radiation 4553
leaves
canopy 7397
composition
proteins 5219
reviews 7165
zinc 8773
development 5378
enzymes 1543
metabolism 5219
stomatal resistance 1544
light, interception 7397
light intensity 7167
lodging 4550, 5375
metabolism
amino acids 1544
carbohydrates 2363
organic acids 1544
proteins 1541, 1544, 5219
mineral nutrition
aluminium 5609
toxicity 1540, 7163
iodine 2681
lead, toxicity 3930
magnesium 2193
nickel, deficiency 8641
nitrogen 2363
deficiency 4553, 8641
zinc, deficiency 6548, 8773
mineral uptake
aluminium 1540, 7163
magnesium 2193
nitrogen 1539, 2363, 6286, 8844
growth stages 2192, 2835
phosphorus 9493
zinc 3693
nitrogen fixation, rhizosphere 113
photosynthesis
carbon pathways 1544
cold hardening 1543
irradiation 4553
light 7167
mineral nutrition 4553
temperature 1544, 7167
plant development 5378
pollution
benzopyrene 1545
cadmium 1545
copper 1545
polychlorinated biphenyls 1545
radionuclides 1747
sewage effluent 1545
precipitation 111

Rye *cont.*
remote sensing 9096
respiration, cold hardening 1543
root shoot ratio 4553
roots
growth 1545
fertilizers 4551
mechanical properties 6549
metabolism, allelopathins 859
penetration 6549
plasma membranes, ion transport 6289
root hairs 6549
rotations 3475, 7818, 9495-9496
barley 111
maize 111
oats 111
sorghum 111
wheat 111, 7877
seed certification 7402
seed purity 7402
seed quality 7402
seed testing 7402
seed treatment
fungicides 3919, 4369
growth regulators 2799
seedlings
emergence 3690
growth 1047, 2799
metabolism, amino acids 6108
stomatal movement 7995
water relations 2799
seeds
aging 9532
cells, ribosomes 9532
composition, lysine, determination, techniques 3926
desiccation, tolerance 7164
embryos
composition, phenolic acids 2833
heat shock 2092
metabolism 2833
plant development 2833
enzymes 2838
germination 3690
inhibitors 2833
seed treatment 2799, 3919
metabolism 2363
DNA repair 7164
phenolic acids 2833
size 3690
soil
lithium 1542
magnesium 2193
phosphorus 2762, 6986
potassium 2193, 2762
soil amendments, lime 4378
soil conditioners 6287
soil pH 3929
soil types 9095
soil variability 9096
sowing date 1062, 8210
sowing rates 1062, 3691
stems, morphology 4550
stomatal movement 5377
taxonomy 7887
temperature 1541, 1544, 7167
heat sums 111
tillering 8845
transpiration 5377, 7995
winter kill 8845
sowing date 8210
yield components 6287
yield correlations 2837
Saccharum
biomass production 1365
cutting height 1365
ratooning 1365
Saccharum officinarum (*see* Sugarcane)
Safflower
crop husbandry, Paraguay 5930
cultivars
Czech Republic 8519
AC Sunset 654, 1979
disease resistance, cultivars 8519
diseases, *Botrytis cinerea* 8519
dry matter accumulation 653, 8518
energy relations 2671
fertilizers
boron 653
nitrogen 4324, 8518

Safflower *cont.*
fertilizers *cont.*
nitrogen *cont.*
application date 5931-5932
use efficiency 5931
phosphorus 653, 8518
application date 5931-5932
use efficiency 5931
sewage sludge 2058
sulfur 653
flowers
colour 8521
metabolism 8521
pigments 2608
growth analysis 5094
growth regulators
abscisic acid 3387
benzyladenine 6864
gibberellins 8521
IAA 8521
NAA 6864
TIBA 4282
herbicides
alachlor 8520
fluchloralin 8520
isoproturon 8520
methabenzthiazuron 8520
pendimethalin 8520
terbutryn 8520
in vitro culture
explants 6864
growth regulators 6864
regeneration 5933
intercropping
Cicer arietinum 6091
Leucaena leucocephala 1371
sorghum 6091
wheat 2063, 2671
irradiation, ultraviolet radiation 2608
irrigation 9381
irrigation requirements 4402
sprinkler irrigation 1978
leaves
composition
chlorophyll 1281, 4282
nitrogen 4282
metabolism, pigments 2608, 8521
mineral nutrition, copper, deficiency 1281
mineral uptake
nitrogen 5932, 6090, 8518
phosphorus 5932, 6090, 8518
potassium 6090
multiple cropping 4358
rice 9478
soyabeans 6090
photosynthesis, mineral nutrition 1281
plant density 4280-4281
production possibilities, reclaimed soils 2058
roots
composition
calcium 3387
chlorine 3387
magnesium 3387
phosphorus 3387
potassium 3387
sodium 3387
sulfur 3387
salinity 3387
seed treatment
benzoic acids 652
biogas slurry 5984
soaking 652
soaking/drying 7694
sodium chloride 652
sodium phosphate 652
seeds
composition
fatty acids 4324
linoleic acid 4324
oils 4281, 4283, 4324, 8519
germination
seed treatment 652, 5984, 7694
storage 7694
storage 7694
vigour 5984
shoots
composition
calcium 3387
chlorine 3387

Safflower *cont.*
shoots *cont.*
composition *cont.*
magnesium 3387
phosphorus 3387
potassium 3387
sodium 3387
sulfur 3387
soil types 2058
sowing date 4280-4281, 6863
sowing rates 6863
spacing 4280-4281, 8518, 9381
temperature 3387
transpiration, mineral nutrition 1281
water requirements 4402
water use efficiency 1978
weed control, manual weed control 8520
Sahel
farming systems
integrated systems 5233
sustainability 5233
land use 5233
Salicornia bigelovii, production possibilities, Argentina 5983
Salicornia herbacea
salinity 5986
seeds, composition, oils 5986
Salinity
Amaranthus 694
Amaranthus caudatus 694
Amaranthus cruentus 694
Amaranthus mantegazzianus 694
barley 147, 894-896, 1576, 2872, 3712, 3718-3719, 4575-4576, 5403, 5417-5418, 7204, 8015, 8874
soil amendments 6309
books 794
Brassica campestris 5113
Brassica campestris var. *sarson* 6906
Brassica campestris var. *toria* 6906
Brassica carinata 6927
Brassica juncea 678, 1318, 6909, 6916, 7739, 7743, 9427
cassava 4222
cereals 3072
Cicer arietinum 2444, 2463, 3258, 4126, 4888, 9259
cotton 613, 622, 1268, 2592, 3368, 4259, 4425, 5068, 5904-5905, 8495-8496
in vitro culture 613
Cyamopsis tetragonoloba 7593, 8416
Eleusine coracana 3912
Eruca vesicaria subsp. *sativa* 6918
groundnuts 385, 2404
Hibiscus cannabinus 633, 2622
Lens culinaris 4128, 6672
Linum usitatissimum 4265
Lupinus albus 2468
maize 1655, 1657, 2267, 2947, 3221, 3800, 4415, 4425, 4755, 5487-5488, 6404, 8086-8087
models 7297
peas 1776
Phaseolus acutifolius 7519
Phaseolus vulgaris 3221, 4097-4098, 6677, 6698, 7509, 7519
potatoes 573-574, 2551, 4181, 4202
rape 2622, 8550
reviews 7853
rice 236, 299-300, 1016, 1019, 1721, 2322, 3021, 3023, 3844-3845, 3876-3877, 5560, 6508, 7356-7357, 8112, 8169, 8824
safflower 3387
Salicornia herbacea 5986
Setaria italica 323
sorghum 3047, 3900, 4415, 4741, 4755
models 7374
soyabeans 355-356, 2075, 2400, 3141-3142, 4425, 4784, 4888, 5673-5674, 6607, 7448, 8281, 8285-8287, 8291, 8299
sugarbeet 4174-4175
sugarcane 1363, 2051, 2655, 5176, 7790, 8611
sunflowers 1990-1991, 5100, 5956, 7709, 8540
sweet potatoes 4215
sweetcorn 964
techniques 6916
tobacco 1337, 2029, 5999, 6939, 7762
Salinity *cont.*
Trigonella foenum-graecum 2474-2475
triticale 2181
Triticum durum 2184, 4533, 7981
Vicia faba 1123, 4070
Vicia sativa 6672
Vigna radiata 2442, 2444, 2447-2448
Vigna unguiculata 3239
wheat 82, 1576, 2180-2183, 2819, 2872, 4425, 4533, 5348, 5355-5356, 5358, 7141-7142, 7909, 7982, 8746, 8823-8827
cultivars 5357
models 7374
Zea mexicana 4755
Salt tolerance
books 794
reviews 7853-7854
Salvia hispanica
seed production 5985
seeds
colour 5989
viability 5989
sowing date 5985
sowing rates 5985
spacing 5985
Sapium sebiferum, production possibilities, Argentina 5983
Secale cereale (*see* Rye)
Seed certification, reviews 9541
Seed production
Cajanus cajan
hybrid seed production 4121
spacing 4121
cotton, spacing 9350
field crops 6096
maize
Bulgaria 1604
harvesting date 2956
stress factors 5437
water stress 8941
oats 4542
harvesting date 97
Phaseolus vulgaris 2424
potatoes, Australia 5820
rice
hybrid seed production 8977
sowing date 4662
Salvia hispanica 5985
sorghum
harvesting date 313
sowing date 2336
sweet sorghum, fertilizers 1727
water stress 8941
soyabeans 5625, 8217
harvesting date 5683
sugarbeet
fertilizers 2487, 4165
mineral nutrition 4165
soil water content 2487
water use 2487
water use efficiency 2487
triticale 4554
turnips, planting stock 5817
Vigna radiata, sowing date 4106
Yugoslavia 3484
Seed quality, reviews 9541
Seed testing, reviews 3529, 5682, 9541
Seed treatment, magnetic field, reviews 717
Seeds
aging, reviews 9532
anatomy, books 7890
artificial seeds, reviews 9533
cells, ribosomes, reviews 9532
chemical composition, lipids, reviews 1411
composition
oils 9529
polyamines, reviews 739
desiccation, tolerance, reviews 1399, 6622, 7832
dormancy
books 2735
dormancy breaking, reviews 743
research, techniques 2689
reviews 2688, 7009
drying 7022
germination, mineral nutrition 7000
maturation, reviews 4413
metabolism, polyamines, reviews 739
moisture content 7022
Seeds *cont.*
storage 7022
viability
climate 8690
geographical information systems 8690
storage 8690
vigour, reviews 3529
Senescence
growth regulators 5212
reviews 746
Sesame
agroforestry 2603
allelopathy, trees 2697
chemical composition
carbohydrates 3383
chlorophyll 3383
nitrogen 3383
phosphorus 3383
potassium 3383
cotyledons, composition, chlorophyll 1313
crop husbandry
India 2602
Madhya Pradesh 6077, 6963
crop production
energy relations 6963
India, Rajasthan 6920
cropping systems, strip cropping 6971
cultivars
Australia, Northern Territory 2605, 4278
Brazil 8513
India 2604
Bihar 2603
Edith 4279
Osanggae 5922
Río Yaqui 93 5923
diseases
Fusarium oxysporum 1276
Macrophomina phaseolina 1276
Rhizoctonia solani 1276
dry matter accumulation 3383
energy value 5188
evapotranspiration 645
fertilizers
composts 3383
crop residues 3383
farmyard manure, residual effects 6100
filter cake, residual effects 6100
humic acids, foliar application 3384
nitrogen 643, 1275, 3382, 5088, 5187, 6100, 7692
application date 644, 1277, 5921, 8511
foliar application 3384
NPK fertilizers 1379
phosphorus 643, 3382
foliar application 3384
potassium 8512
foliar application 3384
sewage sludge 3383
sugarcane trash, residual effects 6100
sulfur 5089
flowers
abscission 6859
development 6859, 9376
differentiation 9376
morphology 6859
green manures, *Crotalaria juncea,* residual effects 6100
growth, temperature, models 646
growth regulators
benzyladenine 3386
growth inhibitors 1313
NAA 3386
herbicides
alachlor 644
butachlor 644
fluchloralin 644
thiobencarb 644
in vitro culture
explants 1974
growth regulators 3386
somatic embryogenesis 8514
intercropping
Cajanus cajan 9486
cassava 8626
Dalbergia sissoo 2603
rice 1372

Sesame *cont.*
- intercropping *cont.*
  - *Ricinus communis* 8623
  - *Vigna radiata* 3379
- irrigation 1276, 8626
  - growth stages 5089
  - irrigation scheduling 642-643, 1275, 7692
- maturity stage, cultivars 2604
- metabolism
  - fatty acids 3385
  - oils 3385
- mineral uptake
  - nitrogen 1275
  - potassium 8512
- multiple cropping 2059
  - maize 6971
  - rice 6971
  - wheat 6077
- plant competition, weeds 5090
- plant density 2605, 3381, 5088, 5920
- plant development, temperature, models 646
- roots, growth 1313
- rotations
  - pasture legumes 2605
  - sorghum 2605
  - sugarcane 6100
- seed treatment
  - biogas slurry 5984
  - fungicides 1276
- seeds
  - composition
    - carbohydrates 3383
    - fatty acids 3385
    - heavy metals 3383
    - oils 1275-1276, 3383, 3385
    - proteins 3383
  - desiccation 8653
  - development 3385
  - germination
    - allelopathy 2697
    - lipid bodies 8576
    - seed treatment 5984
  - metabolism 3385
  - vigour 5984
  - water relations 8653
- sowing date 646, 3380, 4278, 5920
- spacing 2605, 3381
- temperature 646
- water use 1275
- water use efficiency 1275
- weed control
  - herbicides 5090
  - manual weed control 644, 7692
- weeds
  - *Cyperus rotundus* 644
  - *Echinochloa* 644
  - *Trianthema portulacastrum* 644
- yield correlations 642

***Sesbania aculeata*,** multiple cropping, wheat 3471

Sesbania grandiflora
- seeds
  - anatomy 2481
  - testas 2481

Setaria italica
- chemical composition 7887
- crop husbandry 7887
- crop production 7887
- cultivars
  - Jigu-13 3914
  - JiTe-4 3064
  - Niangu-1 3063
- ecology 7887
- energy relations 8618
- enzymes
  - peroxidases 8208
  - superoxide dismutase 8208
- fertilizers, nitrogen 3913, 4749
- grain, composition, proteins 1745
- growth 7887
- growth regulators
  - abscisic acid 6539, 8208
  - 2,4-D 3065
  - gibberellins 6539
  - kinetin 3065
  - NAA 3065
  - picloram 3065
  - uniconazole 6539

Setaria italica *cont.*
- *in vitro* culture
  - composition
    - proline 8208
    - proteins 8208
  - enzymes 8208
  - growth regulators 3065, 8208
  - mucilages 8209
  - protoplasts 8209
  - salinity 8208
  - somatic embryogenesis 3065
- irrigation, saline water 323, 5607
- mesocotyls, growth 6539
- salinity 323
- seedlings, growth 9084
- seeds
  - germination, cultivars 3915
  - morphology 9084
- sowing date 2356, 8618, 8628
- taxonomy 7887
- yield correlations 5607

Setaria viridis
- photosynthesis
  - carbon pathways 3502
  - electron transfer 3502
  - photosystem II 3502

Shading, responses, reviews 7849

Siberia, wheat, cultivars 3174

Simsim (*see* Sesame)

Sinapis, tropisms, gravitropism 8937

Sinapis alba
- carbon dioxide enrichment 3422
- catch crops 3474, 7998
- chemical composition
  - cadmium 3495
  - chlorine 8908
  - chromium 3495
  - copper 3495
  - cyanogenic glycosides 1319
  - elements 3496, 9530
  - lead 3495
  - lithium 2684
  - nitrogen 5131
  - potassium 8908
  - sodium 8908
  - sulfates 8908
- cultivars
  - Denmark 6104, 8638, 9500
  - Italy 5134
- enzymes, nitrate reductase 3423
- fertilizers
  - farmyard manure 3495-3496
  - hair 3495-3496
  - magnesium 5131, 8908
  - nitrogen 3495-3496, 8908
  - NPK fertilizers 5131
  - phosphorus 3495-3496, 8908
  - potassium 3495-3496, 8908
  - sewage effluent 8908
  - sewage sludge 5131
  - tannery sludge 3495-3496
- flowering, induction 8569
- flowers, development 8569
- growth regulators
  - benzyladenine 5981
  - jasmonic acid 1320
  - NAA 5981
  - zeatin 5981
- *in vitro* culture
  - growth regulators 5981
  - protoplasts 5981
  - regeneration 5981
- leaves, damage, light 4394
- metabolism
  - chlorophyll 4394
  - cyanogenic glycosides 1319
  - glucosinolates 1320
- mineral nutrition
  - lithium 2684
  - magnesium 5131
  - nitrogen 5131
  - sodium 2684
- mineral uptake
  - caesium 9539
  - lithium 2684
  - nitrogen 7001
  - phosphorus 2685
- mixed cropping 9479-9480
- plant density 3422, 9479-9480
- pollution
  - lead 7174

Sinapis alba *cont.*
- pollution *cont.*
  - radionuclides 9539
- production possibilities
  - Italy 5134
  - Spain 6919
- roots, root hairs, ion transport 6917
- rotations, wheat 7877
- seeds
  - composition
    - erucic acid 5134
    - oils 5134, 6919
    - proteins 5132, 6919, 8570
  - embryos
    - cuticle, fluorescence 7838
    - growth 7838
- soil, phosphorus 2685
- soil amendments
  - brown coal 7174
  - composts 7174
  - lime 7174
- soil inoculation, bacteria 5987
- soil water 7800
- sowing methods 5194
- sowing rates 5194
- wind 3422

Slovakia
- barley, cultivars 3514, 6304
- farming systems, organic farming 3537
- maize
  - biomass production 910
  - energy relations 910
- potatoes, cultivars 3313
- sugarbeet, cultivars 3514
- sunflowers, crop production 3389
- wheat
  - biomass production 910
  - cultivars 2144, 2804, 3514
  - energy relations 910

Slovenia
- potatoes, seed tubers, production 3304, 4942
- reports, Kmetijski Inštitut Slovenije 6138

Soil, erosion 3519

Soil amendments
- lime, sources 6990
- wood ash 9498

Soil moisture (*see also* Irrigation; Soil water)

Soil physical properties, reviews 7856

Soil temperature, reviews 4430

Soil water, reviews 754

Solanum hjertingii
- enzymes, catechol oxidase 4963
- tubers, enzymes 4963

Solanum tuberosum (*see* Potatoes)

Solar radiation (*see also* Light)
- Greece 5241
- Japan 2714

Sorghum
- agricultural research, Australia 2331
- agroforestry 4367, 9476
- air pollution, carbon dioxide 7878
- allelopathy
  - *Eucalyptus* 4410
  - wheat 8677
- alley cropping, *Populus* 1368
- biomass production 4736
- carbon dioxide enrichment 2347, 6124
  - determination 3073
  - models 7878
- cells
  - enzymes 2917
  - mitochondria, enzymes 1032
- chemical composition 7887
  - ash 3033
  - cyanogenic glycosides 1034
  - fibre 3033
  - nucleotides 6528
  - proteins 3033
- chloroplasts, enzymes 7369
- climate 7372
- climatic change 3543
  - models 5240, 7878
- composition, elements 1731
- computer software, decision making 1037
- continuous cropping 4362, 7061
- cover crops
  - fallow 3888
  - *Trifolium incarnatum* 3888
  - *Trifolium subterraneum* 3888

Sorghum *cont.*
cover crops *cont.*
Vicia villosa 3888
wheat 3888
crop husbandry 7887
Australia
models 2330
Queensland 2329
India, Madhya Pradesh 6963
Italy 4736
Nigeria 2328, 8180
crop production 7887
Argentina 3543
energy relations 6963
Swaziland 3887
USA, Arkansas 3545
cropping systems 2067
strip cropping 5647
cultivars
Argentina 6525
Australia, Queensland 3045, 5581
Botswana 3034, 6524
Bulgaria 316
genotype environment interaction 5581
India 2340
Maharashtra 3032, 5580
Italy 8189-8190
Malawi 3035
maturity groups 6520
Mexico 3033
Mozambique 3047
Puerto Rico 4738
Russia 1029, 2237, 2338-2339
Swaziland 3887, 3896
Tanzania 3036
Zimbabwe 3037, 3046, 3895, 3897
APK1 8191
Green Ace 317
Ksheera Kranthi 8192
cultivation
chiselling 905, 6518
conservation tillage 6, 5575
crop residues, incorporation 325
discing 905
mechanization 2067
minimum tillage 309, 905
no-tillage 6, 325, 905, 5608, 6339, 6518, 7061
reviews 9489
ridging 5438
stubble cultivation 7061
desiccants 8197
desiccation, tolerance 3040
disorders, Japan 6532
drought resistance 3046, 3907
reviews 2342
ecology 7887
energy requirements 9474
energy sources 4736
enzymes
adenosinetriphosphatase 1032, 2344
aldehyde dehydrogenase 1033
amylases 313, 3903-3904
catalase 1031
chitinase 3902
fructose-bisphosphatase 318
β-glucanase 3902
hexosyltransferases 318, 6383
malate dehydrogenase 7369
methyltransferases 5586
peroxidases 1031
phosphoenolpyruvate carboxylase 2917, 6526
phosphofructokinase 318
protein kinase 4415
ribonucleases 6528
superoxide dismutase 1031
establishment, models 5590
evapotranspiration 311, 5573, 9520
measurement 2348
models 742, 7371
farm inputs 9474
farming systems
controlled traffic 3028
dry farming 6339
fertilizers
biogas slurry, residual effects 3494
boron, requirements 6527
composts 9067
crop residues 1728, 9066

Sorghum *cont.*
fertilizers *cont.*
factory effluents 5579
farmyard manure 5578, 7365
requirements 315
foliar application 5579
manures 6524
nitrogen 1373, 2668, 3032, 4733, 4737, 5438, 5569, 5575, 5581, 6346, 6517, 7364, 7373, 8184, 8187, 8194, 9062, 9066
application date 5608, 9063
application methods 5608, 6518
models 5576
requirements 314-315, 3892, 9064
residual effects 3494
sources 3049, 5608, 6518
use efficiency 1462, 5608, 9063
NPK fertilizers 1728, 5578
organic fertilizers 9095
phosphorus 1373, 3908, 4737, 7364, 7373, 9066
application date 8185
requirements 314-315, 3892, 8632, 9064
models 6522
residual effects 1611, 3494
sources 1611, 9492
use efficiency 8185
potassium 7373, 9073
requirements 315, 9064
residual effects 3494
sewage sludge 2058
sulfur 5578
residual effects 8187
sources 8187
zinc 5584, 9065
requirements 6374
sources 7365, 8188
use efficiency 6374
field experimentation
data collection 3052
databases 3052
flowering, mineral nutrition 8194
frost 3053
fungicides, TCMTB 5571
gene expression, water stress 1033, 3907
grain
composition
bibliographies 5257
books 5257
nitrogen 6518
proteins 2343, 3042, 3902, 8190
development 3903
enzymes 3902-3903
filling, models 5591
metabolism 9069
proteins 3902
preharvest sprouting 3903
quality 2343
bibliographies 5257
books 5257
malting quality 9069
storage 9075
weight, models 5591
grain drying 2334
green manures
Crotalaria juncea 1373
Leucaena 1728
growth 7887
models 5590-5593, 6078, 7375
growth regulators
abscisic acid 3903, 3905, 7367
fluridone 3905
gibberellins 3903, 3905, 8196
paclobutrazol 3905
polyamines 3043
triacontanol 8187
harvest index 5438
harvesting
harvesting date 2334, 4735, 8183
harvesting losses 1028
mechanization 8183
methods 8183
herbicides
atrazine 1729-1730, 3898-3899
2,4-D 1729-1730
isoproturon 2341
metolachlor 2341
pendimethalin 3038
prometryn 1729

Sorghum *cont.*
herbicides *cont.*
prosulfuron 3069
pyrithiobac 4439
residual effects 4439
hydroponics 3051
in vitro culture
culture media 3044
micropropagation 3517
regeneration 3044
regenerative ability 1035, 3043
somatic embryogenesis 1035, 3043
insecticides, furathiocarb 5571
intercropping
Cajanus cajan 2668, 4366, 5188, 6085, 9063
Cicer arietinum 6091
Cyamopsis tetragonoloba 7797
Eucalyptus tereticornis 5186
Leucaena leucocephala 1371
safflower 6091
soyabeans 2668, 9481
sunflowers 4366
Vigna mungo 2341, 2668, 7363
Vigna radiata 4366
Vigna unguiculata 3887, 7797
irrigation 5569, 5581, 6346, 8182
computer software 7804
growth stages 9061, 9073
irrigation requirements 4402
irrigation scheduling 311, 3732, 5574, 6521
models 7370
models 6521
saline water 8731, 9061
subsurface irrigation 7806
waste water 1726, 6095
leaves
canopy
reflectance 5589, 5594
temperature 5573
composition
carotenoids 5579
chlorophyll 2346, 5579
nitrogen 5579
phosphorus 6522
proteins 5579
starch 5579
sucrose 5579
enzymes 1033
gas exchange 2348
metabolism
betaine 1033
proline 1033
morphology 4741
reflectance 2346
senescence 3041, 3045
stomatal resistance 3907, 5186, 7367
temperature 5186
uptake, betaine 7387
water potential 1033, 3040, 3907
light
absorption 5588
interception, models 4742
reflectance 5588
use efficiency 5573, 5582
metabolic regulators, nigericin 3900
metabolism
antioxidants 1031
betaine 1033
cyanogenic glycosides 1034
free radicals 1031
growth regulators 8196
herbicides 3069
lipids 1031
phosphorylation 2917, 3900
proline 1033, 4740
proteins 9069
starch 6383
sterols 5586
sucrose 318
mineral nutrition
aluminium 4740, 6528
toxicity 3047, 4739
boron
deficiency 6527
foliar diagnosis 6527
deficiency 9513
foliar diagnosis 9513
iron, deficiency 5585
nitrogen 2343, 3042, 6529, 8194

Sorghum *cont.*
mineral nutrition *cont.*
nitrogen *cont.*
models 7375
phosphorus 2343, 8632
determination 5583
foliar diagnosis 5583
potassium 9068
zinc 2343, 6528
foliar diagnosis 5584, 6374
mineral uptake
caesium 9082
elements 4739, 4755
nitrogen 1462, 5578, 5581, 6346, 6517, 7364-7365, 7368, 7400
models 5576
phosphorus 738, 3048-3049, 4393, 5578, 6522, 7364-7365, 7368, 7400
potassium 3901, 5578, 7364, 7400
zinc 7365, 8188, 9082
mulches 6533
crop residues 5575, 6977, 9489
leaves 6977
live mulches 9489
weeds 9489
multiple cropping 4362
Cicer arietinum 1373
groundnuts 5569
rice 9478
soyabeans 5569
Vigna radiata 5569
wheat 1373, 3469
mycorrhizas 1726, 3049-3050, 7400
Glomus caledonium 3048
Glomus etunicatum 3048
Glomus intraradices 3048
Glomus mosseae 3048
osmoprotectants, betaine 7387
pests
small mammals 5647
Solenopsis invicta 7024
photoperiod 1036, 3906, 7372, 9072
photosynthesis 7367, 8193
carbon dioxide 3070
diurnal variation 5582
electron transfer 3900
enzymes 2917, 6526
growth stages 8198
light 5582
models 3070
net assimilation rate 5582
photosystem I 3900
photosystem II 3900
water stress 318, 3907
plant density 3027
models 5590
plant development
photoperiod 1036, 3906
temperature 3906
plant height 8197
pollen 6531
pollution, radionuclides 9082
precipitation 3478, 3520, 3889, 7372
production possibilities
France 7362
India, Maharashtra 6085
Nigeria 7372
reclaimed soils 2058
ratooning 2335, 3029
remote sensing 2346, 3532
respiration 8193
root exudates 6532
root inoculation
Glomus caledonium 3048
Glomus etunicatum 3048
Glomus intraradices 3048
Glomus mosseae 3048
root systems 7797
roots
composition, elements 4739
development 5575
distribution 8195
growth 4740, 9028
length 623
mechanical properties 6549
metabolism 4740
mineral nutrition 4740
penetration 6549
plasma membranes
enzymes 2344

Sorghum *cont.*
roots *cont.*
plasma membranes *cont.*
ion transport 2344
root hairs 6549
water stress 4740
rotations 5183, 9492
barley 3889
Cajanus cajan 6517
Cenchrus ciliaris 2332
fallow 1462, 5608, 6517, 7061, 8620
groundnuts 8620
maize 5608
models 6078
oats 3889
pasture legumes 9060, 9235
soyabeans 5570, 8620
Stylosanthes hamata 2332
Vigna radiata 8620
wheat 1462, 3889, 5608, 6744, 7061
row spacing 6346
salinity 3047, 3900, 4415, 4741, 4755
models 7374
salt tolerance 4415, 4741
seed inoculation
Glomus fasciculatum 7400
Glomus mosseae 7400
Glomus versiforme 7400
seed production
harvesting date 313
sowing date 2336
water stress 8941
seed quality 6519, 8183
harvesting date 5587
water stress 8941
seed set 6531
seed treatment
Bacillus subtilis 5571
fungicides 5571
hydrophilic polymers 5572
insecticides 5571, 7024
matriconditioning 5571
soaking 6524
seedlings
emergence 6524, 6533
climate 8940
seed treatment 5571
enzymes 1031, 5586
growth 3888
metabolism
free radicals 1031
lipids 1031
seeds
aging 313
composition
polysaccharides 9071
proteins 3902
development, growth regulators 3905
dormancy, growth regulators 3905
drying 313, 5587
enzymes 313, 3902
germination 5587, 6519
accelerated aging 5226
allelopathins 6093
allelopathy 4410, 8677
enzymes 3902, 3904
herbicide residues 3038
maturity stage 4735
moisture content 8183
mulches 6093
salinity 4741
seed treatment 6524
seed weight 6523
storage 5226, 5595, 9075
grading 6523
imbibition 5587
metabolism, proteins 3902
moisture content 8183
preharvest sprouting, growth regulators 3905
quality 4735
size 313, 5587
storage 5226, 9075
humidity 5595
temperature 5595
viability 5226, 5595
vigour 313, 5595, 8183
water relations 6111
weight 6523
shading 9476

Sorghum *cont.*
shoots
composition, elements 4739
growth 4740
metabolism 4740
mineral nutrition 4740
water stress 4740
soil
erosion 3030
phosphorus 4393
potassium 9513
zinc 5584, 9065
soil amendments, hydrophilic polymers 5572
soil depth 8198, 9074
soil fumigants 6532
soil inoculation
Bacillus polymyxa 7368
Glomus mosseae 3049
Pseudomonas striata 7368
Trichoderma harzianum 7368
soil pH 3047, 3049
soil physical properties 6533
soil properties 3520-3521, 6532, 9074
models 3909
soil sterilization 6532
soil types 2058, 3892, 6533, 8188, 9074, 9095, 9513
soil water 3520-3521, 9074
soil water content 311, 623
sowing, comparisons, transplanting 3890
sowing date 310, 1036, 1376, 3053, 4733, 5582, 6520, 6524, 6531
sowing depth 6524
sowing methods 309, 1027
direct sowing 2067
sowing rates 1027, 2333
spacing 309, 1027, 5573, 5589
stems
anatomy 6397
composition, lignin 6397
internodes 6397
sweet sorghum
bioenergy 7366
biomass production 2337, 7366
chemical composition, sugars 2345, 3894, 6534
cultivars, India 312
defoliation 3031
fertilizers
application methods 2337
composts 3497
crop residues 3497
nitrogen 3893-3894, 5577, 8186
phosphorus 3893-3894, 5577, 8186
sewage sludge 3497
harvesting, harvesting date 312
irrigation 3891
irrigation scheduling 4734, 6978
juice quality 312, 2345, 3893, 5577
leaves, composition, minerals 2345
mineral uptake
nitrogen 8186
phosphorus 8186
potassium 8186
root shoot ratio 4734
root systems 4734
seed production, fertilizers 1727
seeds, germination, inhibitors 3497
soil amendments, bagasse 6534
soil inoculation
Azospirillum brasilense 6534
Azotobacter chroococcum 6534
stems
cell walls, ultrastructure 9070
composition
cellulose 9070
lignin 9070
phenolic acids 9070
sugars 3891, 9070
ultrastructure 3039
translocation, photosynthates 3039
water use efficiency 3891, 6978
taxonomy 7887
temperature 1036, 2346, 3906, 3908, 6531, 7372
heat sums 9072
tillering, cultivars 2335
translocation, source sink relations 8197
transpiration 3907, 5186

Sorghum *cont.*
transpiration *cont.*
carbon dioxide 2347
models 4742
transplanting
comparisons, direct sowing 3890
seedling age 3890
water conservation 8181
water management 3030
water requirements 4402, 9520
water stress 318, 1033, 2344, 3027, 3040, 3045, 3907, 4740, 6529-6530, 7387, 8197
models 7370
water use 5575, 7061, 9481
models 5240
water use efficiency 311, 325, 5575, 6521, 9481
waterlogging 5438
watershed management 7020
weather 7373
weed control
cultural control 329
herbicides 3898
hoeing 1729-1730, 3899
integrated control 1729-1730, 2341
manual weed control 1030, 3899
soil solarization 1030
weeds
parasitic weeds 3068, 7367
Striga hermonthica 3068, 7367
yield correlations 3042
yield forecasting 5589
models 5594
yields
Australia 4449
cultivars 2340
models 3027, 3909, 5592, 6078, 7371
physiology, reviews 2342
South Africa
Cannabis sativa, production possibilities 9369
groundnuts, cultivars 1097
land use, remote sensing 5230
reports, South African Sugar Association Experiment Station 3547
South East Asia, cereals, books 7887
Southern Africa
climatic change
carbon dioxide, models 5235
greenhouse effect, models 5235
Phaseolus vulgaris, cultivars 3214
Soyabeans
agricultural meteorology 9147
agroforestry 4367, 5191, 9476
air pollution
acid rain 8289
ammonia 2095
carbon dioxide 7878
cement dust 7601
hydrochloric acid 2095
industrial wastes 5675
nitrogen dioxide 9152-9153
ozone 357, 2949, 4018
solvents 2095
sulfur dioxide 2095
allelopathy 4014, 4777, 4779, 8676
Bidens pilosa 2389
Eucalyptus 4410
Galinsoga parviflora 2389
phenolic compounds 8288
altitude 2397, 8088
anaerobiosis 4903
apical meristems
composition
amino acids 9145
sugars 9145
growth regulators 9145
buds, enzymes 350
carbon dioxide enrichment 352, 1079, 2269, 2347, 2695, 3118, 3883, 4017-4018, 6124, 6610
models 6611, 7878
catch crops, fodder crops 154
cells
cell division 2394
cell walls 1760
growth 1760, 2384
mitochondria, enzymes 9129
plasma membranes, enzymes 4291, 8257

Soyabeans *cont.*
cells *cont.*
size 7441
ultrastructure 3950, 7441
water relations 2384
chemical composition 8286
aluminium, determination 8270
amino acids 5193, 5673, 9126
beryllium 4016
boron 3348
cadmium 6565
calcium 4425, 5673
carbon 2099
chlorophyll 9146
copper 6565
dolichols 3135
elements 6594, 9530
localization 7440
globulins 3999
iron 9276
lead 6565
manganese 9276
nitrogen 2099, 2385, 3149, 4888, 5193, 6602, 8641
polyprenols 3135
potassium 4425, 5673
proline 4009, 5673
proteins 5673, 7416
sodium 4425
sugars 3976, 5673
sulfur 2099
zinc 6565
chlorophyll, fluorescence 1756
chloroplasts
membranes
enzymes 7448
metabolism 7448
thylakoids 4780
climatic change 3543, 4728, 6610
models 5240, 6611, 7878, 9562
USA 2269
cold resistance 2399
continuous cropping 1597, 2369, 3074, 5613, 8882
cotyledons
growth regulators 7439
mitochondria
electron transfer 5653
enzymes 3118
cover crops, *Vicia villosa* 2887
crop husbandry
Brazil 1748, 2057, 4757
Paraná 4758
India, Madhya Pradesh 3931, 6963
Japan 2366
Nigeria 3932
Poland 2367
USA, Louisiana 6555
Zaire 3932
crop production
Argentina 3543
Asia 2368
Australia 2368
energy relations 6963
energy requirements 2231
India 8212
USA, Arkansas 3545
cropping systems 2067
double cropping 5267
strip cropping 3477, 4358, 5647, 5957
cultivars 1076, 9110
Argentina 3956, 9109
Australia, New South Wales 7410
Brazil 1748, 4757
Paraná 4758
Rio Grande do Sul 3984
Santa Catarina 3984
China 9138
Sichuan 5634
Croatia 3952
genotype environment interaction 3091, 5637, 7417, 9111
India 3953
Andhra Pradesh 7407
Madhya Pradesh 6568, 8231
Maharashtra 8232
Italy 3957
Korea Republic 2371
maturity groups 1060, 7417, 8422, 9101-9102, 9136

Soyabeans *cont.*
cultivars *cont.*
Nepal 8420
Poland 3954
Russia 3955
USA
Kentucky 1060, 9100
South Carolina 7417
84-51 5640
9063 9114
AC Albatros 3097
AC Bravor 3100
AC Harmony 3102
AC Hercule 9113
AC Proteus 3098
ADT1 3958
Arunta 6574
Cang 8110-251 3961
Cawana 6577
Cisne 5642
Co2 3959
Council 3099
Danbaegkong 6570
Geumgangkong 8235
Hwasongputdong 345
Iroquois 5645
Jilin-29 5639
Jilin-30 5639
Jinpumkong 8234
JS76-259 3953
Jutro 3960
Ken 86-6331 5638
Kwangankong 6571
LN90-4524 5644
Ludou-9 3962
Macon 5643
Maple Glen 3101
Monte Redondo 9112
NH3-30-1 6577
Pearl 3093
Probst 3094
Pureunkong 6572
Qing Feng 1 8236
RCAT Calico 3096
RCAT Columbus 3095
Ryuhou 3103
Seokryangputkong 6573
Soya-351 6575
Soya-521 6576
Soyangkong 344
Suzunone 3104
Xiaohanwang 5641
cultivation 2479, 3077, 3969, 6565
chiselling 159, 339, 9488
conservation tillage 2069, 6079
depth 4371
discing 3498, 4371, 6079, 9488
harrowing 3971, 5267, 8624
hoeing 2482, 6554, 9116
interrow cultivation 3078
mechanization 2067
methods 2068
minimum tillage 3111, 3934, 4371, 7802, 8624
no-tillage 159, 339, 2069, 2482, 2887-2888, 3107, 3117, 3480, 3498, 4371, 5267, 6079, 7386, 7802, 8624
reviews 9489
ploughing 159, 339, 904, 1597-1598, 3498, 4371, 9488
puddling 4141
residual effects 2477
raised beds 4358, 9107
ridging 159, 1597-1598, 3075, 3480, 5672, 9488
rotary cultivation 904
stubble cultivation 5614
subsoiling 339, 8213
cytochromes 8264
defoliants, paraquat 9105
defoliation 9105
disease control 4027, 9159
disease resistance, cultivars 3989
diseases 3986, 4442, 5613, 5670, 5682
alfalfa mosaic alfamovirus 3990
Alternaria 8247
Alternaria alternata 3939, 3987
Aspergillus 8247
Cercospora kikuchii 3939, 8243, 8245

Soyabeans *cont.*
diseases *cont.*
Cercospora sojina 8245
Chaetomium 8247
Cladosporium 8247
Cladosporium herbarum 3987
Colletotrichum 8247
Colletotrichum dematium 3939
Colletotrichum truncatum 3939
Diaporthe 8247
Fusarium 3935, 5651, 8247
Fusarium oxysporum 3117
Fusarium pallidoroseum 3939
Fusarium solani 3117
Gibberella fujikuroi 3117
Macrophomina 8247
Macrophomina phaseolina 3116, 3935, 3985, 5651, 9159
Myrothecium 8247
peanut mottle potyvirus 3990
Penicillium 8247
Peronospora manshurica 8244
Phakopsora pachyrhizi 8245
Phialophora gregata 3984
Phoma 8247
Phomopsis 8243
Phtyophthora sojae 1067
Phytophthora cinnamomi 8246
Pseudomonas syringae pv. *glycinea* 3988
Rhizoctonia 3117
Rhizoctonia solani 3935, 3939, 5651, 6579
Rhizopus stolonifer 8247
seedborne fungi 4768, 5650
soybean mosaic potyvirus 3989-3990, 5652
tobacco ringspot nepovirus 3990, 8248
tomato ringspot nepovirus 3990
Trichothecium 8247
Trichothecium roseum 3987
drainage 3142, 8219
drought 8291, 8422
drought resistance 4902, 8282, 8672
cultivars 4008-4009, 4146-4147
determination, techniques 4009
dry matter accumulation 3092, 3119, 5613
models 3132
temperature 5672
dry matter distribution 3119
energy relations 3128, 7799, 8618
energy requirements 9474
energy value 5188
enzymes
acetolactate synthase 4770
acid phosphatase 8258
alcohol dehydrogenase 4903
amidine hydrolases 8259
aminotransferases 7574, 8291
ammonia-lyases 2376, 6581
amylases 3124
carboxylic ester hydrolases 4013
catalase 4789, 8242, 8287
chitinase 2387, 2403
cysteine proteinases 2382
cytochrome-c oxidase 3118
esterases 1069, 5804, 8301
β-fructofuranosidase 3138, 9130
fructose-1,6-bisphosphate aldolase 9130
α-galactosidase 9130
galactosyltransferase 7448
β-glucanase 2403
glutamate-ammonia ligase 4775, 6620, 8291
glutamate dehydrogenase 3125, 6620
glutathione reductase (NAD(P)H) 5674, 8287
glutathione transferase 3126
hexosyltransferases 4728, 9130
hydro-lyases 6581
hydrogenase 6591
hydrolases 3122, 7574
IAA oxidase 1074, 3141
inhibitors 2382, 4774, 4777, 5659, 8256, 8422
inositol 1-α-galactosyltransferase 9130
isocitrate dehydrogenase 7574

Soyabeans *cont.*
enzymes *cont.*
lipoxygenase 1076, 2381, 2400, 4291, 5659, 6590, 8264, 9131
long-chain-fatty-acid-CoA ligase 7448
lyases 4774, 7574
malate dehydrogenase 7574, 9130
malic enzyme 7574
nitrate reductase 356, 5658, 7430, 7445, 7452, 9146
nitrite reductase 356, 7452
nitrogenase 352-353, 361, 1080, 1761, 1763, 3139, 3146, 4137, 4775, 4888, 5656, 6620, 7257, 7452, 7454, 8291, 9152
oxidoreductases 1068, 3127, 3996, 5657, 7574, 8255-8257, 9129
oxygenases 5466
peroxidase 4773
peroxidases 350, 1074, 3123, 3141, 4789, 5466, 5675, 6589, 7447, 8287, 8291, 8301, 9166
phenylalanine ammonia-lyase 2376, 5466, 6581
phytase 3993
polymerases 7574
protein kinase 3994, 7435
proteinases 355, 4013
ribulose-bisphosphate carboxylase 2376, 3883, 3991, 4728, 6581-6582, 7429
serine proteinases 2383, 3995
succinate dehydrogenase 3118
sucrose synthase 3138, 8291, 9130
superoxide dismutase 4789, 6607, 7447, 8242, 8287, 8301
transferases 5804, 8274
trypsin 8422
urease 4777, 4779, 8641
equipment
combine harvesters 4763, 7412, 8216
furrow openers 6557
seed drills 3480
evapotranspiration 3128, 6592, 9520
farm inputs 9474
fertilizers
aluminosilicate 8230
boron 2373, 4376, 8221, 8227, 8229
foliar application 724, 3348
sources 3348
cobalt 8228
composts 3949, 6101
copper 5803
crop residues 3088
farmyard manure 342, 1058, 2373, 3081, 3086, 3146, 3492, 4377, 6564, 8042, 8229
humic acids 9154
lignin 7416
magnesium 9494
manganese 7415
sources 3948
manures 2402, 8635
molybdenum 4376, 8221, 8228
foliar application 724
nitrogen 337, 339-340, 358-359, 361, 454, 1597, 2370, 2379, 2390, 2668, 3081-3082, 3086, 3146-3149, 4022, 4151, 4901, 5196, 5289, 5629, 5631, 5672, 5957, 6564, 6612, 7212, 7424, 7437, 8221, 8224, 8635, 8907, 9104, 9106, 9494
application date 341, 5626, 8222
application methods 3078
foliar application 5630, 7413
damage 1054
requirements 9107
sources 3946, 5196, 6562, 9497
use efficiency 774, 2888
nitrophosphates 7416
NPK fertilizers 724, 2374, 2479, 3492, 6554, 7408, 7814, 8245
organic fertilizers 3950, 4377, 5196
phosphorus 337, 341, 361, 1058, 2379, 2390, 3081, 3086, 3146-3147, 3934, 3945, 4764-4765, 5300, 5627-5629, 6563-6564, 6616, 7414-7415, 8224-8225, 8254, 9149, 9274, 9494
application methods 5442

Soyabeans *cont.*
fertilizers *cont.*
phosphorus *cont.*
models 3489
requirements 2875
residual effects 1056, 3083-3084, 8635
sources 1055, 1057, 3247, 3947, 6566, 8903
use efficiency 774, 1056, 3083
potassium 361, 2390, 3081, 3086, 3146-3147, 3279, 3945, 4766, 5631, 6564, 7813, 8223, 8225, 8635, 9146, 9494
application methods 3078
foliar application 5630
use efficiency 774, 3085
poultry manure 9497
requirements 3080, 3485, 6561
rice bran 5196
rice straw 1058, 5196
sewage sludge 3750, 4377, 6565
slurries 2402, 4377
sulfur 3087, 3147, 4376, 5627-5628, 5632, 8227
residual effects 3088, 9108
sources 3088, 8226
use efficiency 9108
trace elements 3945, 8228
foliar application 5622
zinc 2373, 3081, 3086, 3146-3147, 4764-4765, 5632, 8229
foliar application 724
sources 8254
field experimentation
border effects 6569
experimental design 6595
flooding 341, 9394
growth stages 2379
flooding tolerance 1071
flowering 8268
cold resistance 2399
flowering date 3076, 4006
models 354, 5660
induction 350, 2395, 3136-3137, 9145
flowers
abscission 2399
composition, zearalenone 8268
development 8277
differentiation 8268
fog 5646
frost 4012
fungicides 8243
benomyl 3935, 3985
captan 5615
carbendazim 3935, 5615, 8240
carboxin 3935, 5684
fungicides 5684
iprodione 8240
malathion 5615
mancozeb 3935, 5615
metalaxyl 8240
nontarget effects 6585
penconazole 8240
thiabendazole 7025
thiophanate-methyl 3985
thiram 3939, 5615
toxicity 6585
uniconazole 6585
gene expression, growth regulators 8264
grafting 5677
green manures, *Mucuna pruriens* 8907
growth 1073, 2398, 6606
growth period 3130, 3956, 7438, 8231, 8263, 9138
growth rate 4764, 9102
growth stages, classification 2386
herbicides 4771
juvenility 3130
models 4025, 4900, 6078, 7409
temperature 354
growth analysis 3940, 4776, 8262
growth regulators
abscisic acid 1067, 2388, 3137, 5613, 7257, 7439, 8282
auxins 3143, 5622, 8257
benzyladenine 2388, 4003, 4778, 5623, 5667, 6600, 7439
cytokinins 2394, 3137, 4888, 5622, 7257, 8266, 9145

Soyabeans *cont.*
growth regulators *cont.*
2,4-D 3143, 4003, 5657, 5667, 8218, 8257
daminozide 338
DCTA 601
ethephon 7439
ethylene 2387, 3143
formononetin 7303
gibberellins 2929, 3141, 5613, 7257, 7405, 7439, 8285
glutathione 1067
IAA 1074, 2388, 3141, 4778, 5613, 5657, 7439, 8285, 9134
inabenfide 8265
isopentenyladenine 6598
jasmonic acid 1067, 8264, 8665
kinetin 1752, 2929, 5667, 9134
NAA 1074, 4003, 5662, 5667, 9134
polyamines 8266, 9134
seaweed products 6598
thidiazuron 6600
TIBA 338, 3143, 5672
triacontanol 5622, 8629
zearalenone 9145
zeatin 6598
zeatin riboside 5613, 6598
habit 3092, 5666, 8665
determinate and indeterminate habit 5620, 5661, 6569
harvest index 3119
harvesting
damage 6560
harvesting date 1053, 1753, 3154, 3942, 3981, 5624, 6560, 8217, 8298-8300
harvesting losses 4763, 7412, 8216
mechanization 6560, 7412, 8216
heat shock 7446
herbicides
AC 263,222 3969, 8238
acifluorfen 3111, 3974, 9159
aclonifen 8240
alachlor 3107, 3110, 3245, 3973, 4768, 5227, 7425
anilofos 7869
application methods 2887
atrazine 2888, 4440
Bay foe 5043 2109
bentazone 3111, 3971, 3973, 9159
butachlor 1063, 3106-3107, 3112, 7869
chlorimuron 1063, 3106, 3112, 3978, 4771, 6580, 7868, 8237-8238, 9121
chlorsulfuron 4440
clethodim 7866
clomazone 2704, 3964, 3971, 7425, 8237, 9121
cloransulam 7418
2,4-D 4440, 8284
ethalfluralin 5646
fenoxaprop 3111, 3970, 8240
fenoxaprop-P 7866
fluazifop 3111, 3968, 3971, 9118
fluazifop-P 3112, 3964, 7257, 7866, 9119
fluchloralin 1063, 3105-3106, 3108, 3112, 3964, 3974, 4760, 4768, 7421
flumetsulam 3965
fomesafen 3111, 3972, 9118
glyphosate 3107, 4440, 7421
haloxyfop 3970, 7866, 9116, 9118
imazapyr 3971
imazaquin 3965, 3968-3970, 3972, 4771, 6580, 8238
imazethapyr 1064, 2376, 3111, 3968, 4770, 6581-6582, 8240
imazosulfuron 8239
lactofen 3977
linuron 3978, 4769, 8240, 9122
methabenzthiazuron 4769, 9159
metobromuron 3968, 9117-9118
metolachlor 3111, 3964, 3968, 3973-3974, 9117-9118
metribuzin 3108, 3111, 3965, 3974, 4769, 4771, 5227, 6580, 8237-8238
nontarget effects 2376, 7257, 7869
oryzalin 9122
Soyabeans *cont.*
herbicides *cont.*
oxadiazon 3108, 3111, 3973, 9159
oxyfluorfen 348, 3105, 3108, 3973, 7421, 7428, 7869, 9159
paraquat 7259
pendimethalin 3968, 3973, 4768, 7421, 7869, 9159
phytotoxicity 1064
prometryn 4769
propaquizafop 7866
pyrithiobac 4439
quizalofop 3970, 5646
quizalofop-P 7866
residual effects 4439
residues, determination 7418
sethoxydim 3968, 3971, 5646, 9116
simazine 8240
sulfentrazone 6578, 7419
sulfonylurea herbicides 4770
surfactants 6578
thifensulfuron 1064, 4770, 7868
thiobencarb 4768, 5227, 7408, 9159
tolerance 348, 3977, 4770
toxicity 3758, 4440, 4770, 6578, 8237
triazine herbicides 3758
trifluralin 3965, 5646, 9121
hypocotyls
cell membranes
enzymes 4789
metabolism 4789
permeability 4789
enzymes 1074, 3126, 3994
growth regulators 5657. 7439
osmoregulation 5657
plasma membranes, enzymes 5657
rooting 1074
in vitro culture
antibiotics 8274
cell division 8266
cotyledons 6599-6600
cryopreservation 6121, 9144
cultivars 6600
culture media 6599, 8275, 9134
embryo culture 8275
enzymes 8274
explants 6599
growth regulators 4003, 5667, 6598, 6600, 8266, 9134
hypocotyls 6600
metabolism 5674, 8266, 9134
amino acids 6108
oxidation 8255
phytoalexins 8255
proteins 6599
organogenesis 6600
regeneration 1762
reviews 4004
salinity 5674
somatic embryogenesis 4003, 5667, 6600
water potential 2384
inoculation
Azospirillum 8293
Azotobacter 8293
Bradyrhizobium elkanii 6591
Bradyrhizobium japonicum 3144-3145, 3151, 5676, 6591, 6612, 6616, 6620, 6662, 7451, 8293
inoculant carriers 1085
mycorrhizas 8293
phosphate solubilizing bacteria 1057
Pseudomonas 8293
Rhizobium 4151
Rhizobium fredii 7451
insect pests
Anticarsia gemmatalis 3983
Epilachna varivestis 3983
Melanagromyza sojae 5648
insecticides 5570
diflubenzuron 3983
dimethoate 8240
lambda-cyhalothrin 3982
monocrotophos 3980, 6554
phosphamidon 8241
tralomethrin 3114
intercropping 7796
Cajanus cajan 3105, 3245, 3933, 7403, 9481
cotton 3338, 4239, 6966
Soyabeans *cont.*
intercropping *cont.*
Guizotia abyssinica 3105
maize 3933, 5423, 7212, 8251, 8883
mangoes 3207
rice 1372, 7312
sesame 3105
sorghum 2668, 3933, 9481
Sorghum bicolor × *S. sudanense* 9098, 9106
soyabeans 7695
sugarcane 1749, 5227
sunflowers 3933
Vigna radiata 3933
irradiation
gamma radiation 4788-4790, 9166
protectants 4788, 4790
ultraviolet radiation 759
irrigation 741, 1597-1598, 6556, 7424, 8232, 8422, 9104
furrow irrigation 4761, 5620, 7410
irrigation requirements 719, 1070, 3075
irrigation scheduling 1751, 4025
irrigation systems 7410
microirrigation 3482
models 4025
subsurface irrigation 7806
land evaluation, Japan 4756
leaching 3142
leaf area index 2372, 3076, 4764, 8262
estimation 4026
soil water content 5669
leaves
absorption, nitrogen dioxide 7432
accumulation
malic acid 6601
starch 6601
sugars 6601
anatomy 1079
canopy
reflectance 4026
models 1086
composition
amino acids 3137, 7257
cadmium 7021
calcium 1059
carotenoids 7257
cerebrosides 6119
chloride 3120
chlorophyll 338, 1757, 5675, 6594, 6604, 7257
determination 2682
copper 7021
elements 9125
lead 7021
manganese 1059
nitrogen 338, 3972, 9153
proteins 1394, 5675
sphingolipids 6119
starch 1754, 3137
sugars 1754, 3137, 3972, 5675
sulfur 1065
trigonelline 4784
zearalenone 3137
zinc 7021
development 1065, 1394
electric potential 4625
enzymes 350, 356, 3141, 5658, 5675, 5804, 7430
fluorescence 8296
gas exchange 8278
growth regulators 3137, 7257
ion transport 5675
leaf angle 1073
leaf area 3938
leaf conductance 4018
light 2388
metabolism 4772
γ-aminobutyric acid 2380
proteins 1394
mitochondria, composition, proteins 1075
morphology 1079, 8273
osmoregulation 8286
pH 9153
plasma membranes
composition
fatty acids 2400
lipids 2400
enzymes 2400

Soyabeans *cont.*
leaves *cont.*
reflectance 8289
removal 2392, 9133
senescence 2388, 7429, 9150
growth regulators 2387
soyabeans 2380
stomata 1079
stomatal movement 7976
stomatal resistance 2695, 3997, 4017, 5668, 9394
soil water content 5669
temperature 4017, 4625, 8289
uptake
betaine 2677
nitrogen dioxide 7432
water content 4426, 4901-4902
water potential 3997, 4011, 4426, 4783, 5668, 7445, 7976
soil water content 5669
waxes 1079
weight 1757
wilting 4901
light
blue light 7442
far red light 7442
green light 7442
interception 3940, 7424, 9133
intermittent light 4625
red light 7442
light intensity 352, 1752, 6601
lodging, cultivars 5661
maturity stage, cultivars 7453
metabolism
aldehydes 4789
amino acids 7454
asparagine 7454
ATP 3129
carbohydrates 4728, 4772, 8261
chlorophyll 2388
DNA 4788
enzymes 3994, 6582
esters 7574
ethylene 3143
fatty acids 7448
free radicals 9127
fungicides 7025
glucose 2376
glutathione 5674, 8287
heat shock proteins 7446
herbicides 1064, 7868, 8239
leghaemoglobin 7434, 8287, 8291
lignin 1074
lipids 7442, 8261, 8287
mycotoxins 4396
nitrogen 6582, 7445
nucleic acids 8282, 8288
organic acids 1068
phenolic compounds 8266
phytoalexins 1067
pigments 8242
pinitol 3138
polyamines 8266, 9134
polyprenols 3135
polysaccharides 1760
proline 4009, 4789
proteins 1394, 2388, 5674, 6582, 8261, 8288, 9127-9128
starch 1760, 2376
sucrose 3138
sulfate 8250
thiamin 7433
trehalose 3138
mineral nutrition
aluminium 3121, 3247, 9126
toxicity 8253, 9497
boron 9125
deficiency 8252, 9132
cadmium, toxicity 7451
calcium, deficiency 6586, 8252
chloride, toxicity 3120
copper 5803
deficiency 9513
foliar diagnosis 9513
heavy metals, toxicity 3750, 4638
iron, deficiency 3992, 9276
manganese 3948
nickel, deficiency 8641
nitrogen 358, 364, 1761, 1763, 5202, 5658, 6468, 6613, 7431, 7437,

Soyabeans *cont.*
mineral nutrition *cont.*
nitrogen *cont.*
7452, 7454, 8251, 8291, 8296, 9152
deficiency 4772, 6601, 7441, 8641
foliar diagnosis 2682
sources 7432, 8249
phosphorus 1057, 5202, 5442, 5658, 6614, 6621, 7437, 8254, 9274
deficiency 5613, 5656, 7455
toxicity 8644
potassium, deficiency 3279, 5613
sulfur 1065, 1759, 7437, 8250
deficiency 7431
foliar diagnosis 3087
zinc 8254
deficiency 8252, 8644
mineral uptake 6101
aluminium 3121, 9538
cadmium 6565, 7021
calcium 4425
chloride 3120
copper 4384, 6565, 7021
iron 4384, 9538
lead 6565, 7021
manganese 4384, 7415, 9538
molybdenum 1066
nitrogen 203, 341, 3081, 3108, 3245, 3946, 4786, 5196, 5202, 6090, 6562, 6564, 7415, 8251, 8262, 9153
phosphorus 233, 738, 3081, 3084, 3108, 3245, 3247, 4393, 5202, 5300, 6090, 6564, 7415, 8225, 8262, 8288
potassium 3081, 3108, 3245, 4425, 5631, 6090, 6564, 7415, 8225
sodium 4425
zinc 3081, 4384, 6565, 7021, 7415
mulches
crop residues 3941, 9489
grasses 4760
live mulches 9489
plastic film 2372, 3941
rice straw 2479, 2482, 4901, 5621
rye, models 7409
straw 9103
weeds 9489
multiple cropping 4358, 7799, 8624
Brassica juncea 5189
Cicer arietinum 5189, 6090
Lens culinaris 6090
Linum usitatissimum 5189, 6090
rice 3470
safflower 6090
wheat 3469, 5189
mycorrhizas 1188, 4638
Gigaspora rosea 6621, 7455
Glomus etunicatum 6621, 7303, 7455
Glomus fasciculatum 5679
Glomus intraradices 233, 2403, 2875, 8295
Glomus manihotis 358
Glomus mosseae 6614, 6621, 7455, 9165
nematicides 5570
nitrogen fixation 342, 359, 478, 1081, 2398, 3138, 4024, 4368, 4787, 5672, 5676, 6606, 6612, 6614-6615, 6619-6620, 6662, 7411, 7437, 7451, 7574, 8293, 9161, 9164
carbon dioxide enrichment 352
composts 3949
cultivars 360-361
cultivation 3077
databases 8292
drought 8291
fertilizers 3082, 3146, 5626
growing media 6613
herbicides 9122
light intensity 352
measurement 4019
mineral nutrition 1761, 1763, 3247, 7452, 8291, 9152
oxygen 352
pollution 4786
relative humidity 6602
reviews 363, 1084
rotations 6618

Soyabeans *cont.*
nitrogen fixation *cont.*
salinity 8287, 8291
seed treatment 7405
soil 4021
soil amendments 5633
source sink relations 3150
temperature 362, 3151, 9150
water stress 353, 1080, 3139, 4783, 8278
nodulation 340, 364, 454, 478, 1081, 2398, 3144-3145, 3147, 3149, 4151, 4775, 4787, 4888, 5672, 5676-5679, 6606, 6612, 6619-6620, 6662, 7451, 7453-7454, 9126, 9157, 9159-9162
allelopathy 4014
Bradyrhizobium japonicum 468
composts 3949
cultivars 361, 2387
databases 8292
fertilizers 2374, 2402, 3082, 3148, 5626, 9154
growing media 6613
herbicides 9122
mineral nutrition 5803
reviews 1084, 9156
seed treatment 7405
soil 4021
soil amendments 5633, 9155
temperature 3151
water stress 4783
nodules
enzymes 8287
metabolism 8287
nutrition
manganese 7415
nitrogen 7415
phosphorus 7415
potassium 7415
zinc 7415
osmoprotectants, betaine 7411
oxygen 352
pests 4442, 5613, 5682
Acrosternum hilare 3114
Anas acuta 7871
Aproaerema modicella 3980
Arion fasciatus 3761
Arion subfuscus 3761
Cerotoma trifurcata 3982
Chrysodeixis acuta 3980
Deroceras reticulatum 3761
Euschistus heros 3981
Euschistus servus 3114
Heterodera glycines 3115, 5649, 8242
insects 3937
Melanagromyza sojae 3979
Meloidogyne arenaria 6583
Nematoda 5570
Nezara viridula 3114, 3981
Obereopsis brevis 9123
Piezodorus guildinii 3981
small mammals 5647
snails 3113
Solenopsis invicta 7024
Spilarctia obliqua 8241
phloem, nitrogen 4137
photoperiod 350, 2395-2396, 3136-3137, 3956, 4006-4007, 7443-7444, 8277, 9145
cultivars 4005
photosynthesis 6614, 7411, 8262
air pollution 357, 4018
carbon dioxide 352, 2695, 3883, 4018
carbon dioxide enrichment 4728, 6610
chlorophyll 7429
determination 1757
diseases 3988
electron transfer 2377, 4780
enzymes 7429
flooding 9394
light harvesting complexes 7429
light intensity 352, 2377, 5654, 6601
mineral nutrition 6601
models 5654
net assimilation rate 4772, 8242
oxygen 352
photoinhibition 352, 1756, 9150
photosystem I 4780
photosystem II 4780

Soyabeans *cont.*
photosynthesis *cont.*
plant density 8883
soil water content 5669
source sink relations 3991
temperature 3883, 4728, 5672, 6610, 9150
water relations 5668
water stress 4783, 7976
phytoalexins 8246
plant competition
cultivars 7423
weeds 1597, 3106-3109, 3966-3967, 3975, 4767, 4771, 4785, 5646, 6580, 6592, 7423-7424, 7426-7427, 7796, 9117, 9120
plant density 337, 364, 1073, 2083, 4780, 5423, 5617, 5672, 6558, 7408, 8231, 8883
plant development 4006
models 3944, 5660
photoperiod 2396
temperature 2396
plant morphology 5666
pods
composition
ascorbic acid 5624
sugars 5624
development 5661
growth 6602
induction 3136
moisture content 5624
quality 5624
removal 1753
pollution
beryllium 4016
cadmium 7021, 7451
chlorinated hydrocarbons 1078
copper 7021
lead 7021
ozone 4786
zinc 7021
precipitation 2397, 2477, 3520, 5668, 9117, 9147-9148
production possibilities
Argentina 9147
India, Andhra Pradesh 7814
protoplasts, isolation 1762
relative humidity 2398, 6592, 6602
relay cropping, wheat 6556
remote sensing 3532
mineral nutrition 8296
reflectance 8691
respiration 5653
carbon dioxide 3118
light 6468
mineral nutrition 6468
reviews 9124
rhizosphere fungi 4027, 8267
root inoculation
Bradyrhizobium elkanii 3148
Bradyrhizobium japonicum, strains 3138
root nodules 363
bacteroids
mineral uptake, iron 1758
translocation, iron 1758
cell membranes, ion transport 1758
composition
leghaemoglobin 9152
estimation 6596
nitrite 9152
pinitol 3138
sucrose 3138
trehalose 3138
diffusion, oxygen 4137
enzymes 352-353, 1080, 1761, 1763, 3138, 3996, 4903, 5656, 6591, 6620, 7257, 7452, 8258, 9152
growth 5656
growth regulators 7257
metabolism 7434, 7454, 7574
pinitol 3138
proline 8283
sucrose 3138
trehalose 3138
mineral nutrition 5656
permeability 9158
respiration 353
ultrastructure 6597
water relations 9158

Soyabeans *cont.*
root shoot ratio 5613
root systems 6609, 8213
growing media 6613
rooting depth 6609, 7834
roots
cell walls
diffusion 415
permeability 415
cells, ultrastructure 1077
composition
chloride 3120
cytochromes 5466
lignin 5466
development 3121
enzymes 356, 2376, 2387, 2403, 3141, 4903, 5466
growth 3131, 3143, 5662, 6608, 8218
growth regulators 4778, 7439
initiation 5662
metabolism 8239
mitochondria, electron transfer 5653
plant development 3143
plasma membranes, enzymes 6589
temperature 362, 4023
translocation
fungicides 8240
herbicides 8240
insecticides 8240
ultrastructure 8423
uptake
fungicides 8240
herbicides 8240
insecticides 8240
methionine 8288
rotations 2670, 4359, 6618, 6964, 7802, 8624, 8635, 9483
barley 773-774, 2068
Capsicum annuum 9107
carrots 9107
Chinese cabbages 9107
cotton 4368
fodder crops 773-774
maize 154, 159, 359, 773-774, 1597-1598, 2068, 3115, 6101, 8882, 8903
models 6078
oats 154
peas 154
rice 2477, 6101
sorghum 5570, 8620
triticale 154
wheat 359, 2068, 3083, 9105, 9108
row spacing 5620, 6559
salinity 355-356, 2075, 2400, 3141-3142, 4425, 4784, 4888, 5673-5674, 6607, 7448, 8281, 8285-8287, 8291, 8299
salt tolerance 4425, 6607, 7448, 7450, 8287
cultivars 5673, 8286
seed certification 1052
seed injury 1052, 1072, 5619, 8216, 8260
threshing 3943
seed inoculation
Azospirillum brasilense 4022
bacteria 4020
Bradyrhizobium 8214
Bradyrhizobium japonicum 339, 358, 361, 364, 2402, 3147, 3935, 3946, 4020, 4022, 5629, 6615, 6617, 7574, 8294, 9157, 9162
strains 340, 360, 1081-1082, 2401, 3149, 4024, 7453, 9163
Glomus manihotis 358
Glomus mosseae 361
Rhizobium 341, 454, 1083, 1188, 2379
strains 8290
Serratia liquefaciens 6617
Serratia proteamaculans 6617
seed maturation 9130
seed production 3079, 5625, 8217
harvesting date 5683
seed quality 1052, 3936, 4769, 6560, 8217, 8297-8299, 9141, 9151
Indonesia 9099
seed shattering 3078
seed testing 5682, 8297-8300, 8369, 9167

Soyabeans *cont.*
seed testing *cont.*
cultivar identification 3153
germination 1087
vigour 5680-5681
seed treatment
bacteria 5651
biological control agents 4125
calcium 4013
fertilizers 8228
fungi 5651
fungicides 3935, 3939, 5615, 5684
growth regulators 3141, 7405, 8285
hot water treatment 7404
irradiation 4789
magnetic field 716
magnetism 5193
microwave treatment 5650
oils 8260
soaking 7406, 9157
sodium molybdate 2373
sulfuric acid 7404
seedbed preparation, raised beds 1051
seedlings
abnormal development 9132
composition
amino acids 355
carotenoids 6581
chlorophyll 6581
fatty acids 3134
heat shock proteins 7446
proline 355
proteins 355
starch 6581
sugars 6581
cotyledons
damage 1067
enzymes 1068, 6607
light 1067
metabolism 1068
mitochondria, metabolism 1068
emergence 1072, 2482, 2929, 5616, 5621, 5684, 7405, 8225
models 1087
seed size 4759
soil temperature 6113
soil water content 6113
enzymes 3125
growth regulators 4778
osmoregulation 8282
translocation, photosynthates 2378
seeds
aging 349, 4791, 4835, 9167
aleurone cells, cell walls, polypeptides 9143
anatomy 2391, 4001
bulk density 351
composition 4000, 9110
amino acids 3972, 3976, 8271, 9137
ash 2390
binding proteins 6587
boron 9132
calcium 7441
carbon 2099
carotenes 8668
cyclitols 6588
elements 9125
enzyme inhibitors 5664
fats 8422, 9279
fatty acids 3140, 4773, 4791, 5652, 9136, 9138
fibre 2390
globulins 1076
iron 7415
isoflavones 5665
linoleic acid 9279
linolenic acid 9279
lipids 4773, 6621, 7442
magnesium 7441
manganese 7415
minerals 2075
nitrogen 2099, 3946, 7415, 7441, 8271, 9104, 9161, 9163
oils 1055, 1412, 2390, 3075, 3086-3087, 3091, 3133, 3140, 4791, 5630, 5652, 8231-8232, 8269, 8272, 9136, 9146
phospholipids 4791
phosphorus 6621, 7415, 7441

Soyabeans *cont.*
seeds *cont.*
composition *cont.*
polysaccharides 5663
potassium 7415, 7441
proteins 360, 1055, 1412, 2390, 3075, 3086, 3091, 3133, 3140, 3938, 3946, 4773, 4835, 5630, 5634, 6594-6595, 6617, 6621, 7441, 8228, 8231, 8249, 8269, 8272, 8294, 8301, 9136-9137, 9146, 9166, 9279
sugars 3972, 8272
sulfur 2099, 7441
vitamin E 9279
zinc 7415
cotyledons, composition, proteins 6593
cracking 1072
desiccation 8653
tolerance 6622
development 1394, 5210, 7433
enzymes 3122
metabolism 8250
temperature 3140, 5671, 9151
dormancy, dormancy breaking 743
drying 1412, 7412
electrical conductivity 8369
embryos, ultrastructure 2393
endosperm, ultrastructure 2393
enzymes 1069, 1076, 2381, 2383, 3993, 3995, 4777, 4779, 6590, 8259, 8301, 8422, 9130-9131
filling 2083, 2385
germination 1071-1072, 2378, 2478, 2482, 3154, 3986, 4762, 4769, 5210, 5685, 6112, 8215, 8247, 8294, 9132, 9151
allelopathins 6093
allelopathy 2389, 4410, 4777, 4785
enzymes 3122, 4013
harvesting date 3942
imbibition 8297
maturity stage 9522
metabolism 3129, 8261, 9128
reviews 4000
mulches 6093
mycotoxins 3987
proteins 1394
salinity 4013, 8281, 8299
seed injury 8260
seed size 4759
seed treatment 4013, 4125, 5615, 7404, 8260
storage 4791, 5683
temperature 8297
water relations 8260
water stress 4146, 8280-8281, 8300
hard seeds 1053
imbibition 5685, 6112, 7406
irradiation, gamma radiation 9166
longevity 4001, 6622
maturation 7433, 9522
metabolism 7433, 7442, 9127
binding proteins 6587
carbohydrates 9130
cyclitols 6588
lipid peroxidation 349
moisture content 351, 5210
determination 8684
morphology 2378, 2391
physical properties 351, 9141
plasma membranes, composition, proteins 9135
provenance 5616
respiration 4013
size 351, 4759
storage 349, 1071, 3154, 4438, 4762, 5685
deterioration 5615
humidity 5683
temperature 5683, 8301
storage decay 5684
testas
enzymes 3123
morphology 4002
translocation, photosynthates 2378
ultrastructure 7441

Soyabeans *cont.*
seeds *cont.*
viability 349, 4438, 4835, 9167, 9522
vigour 3154, 3998, 4791, 5615, 8294, 8297, 8300-8301, 8369, 9151, 9522
storage 5684
vitrification 4438, 6622
water relations 8653
weathering 1053
weight 2391, 3938
shading 2083, 4780, 5672, 7424, 8276, 9476
shoots
composition
minerals 9274
nitrogen 5679
phosphorus 5679
enzymes 2376
growth 3143, 6602
metabolism 7454
plant development 3143
soil 4359
boron 9132
calcium carbonate 8088
erosion 2887, 3804
magnesium 9494
molybdenum 1066
nitrogen 5202, 8251
phosphorus 4393, 5202, 5442, 8088, 8254
potassium 9494, 9513
sodium 4015
zinc 8254
soil amendments
chitin 5633, 9155
chitosan 5633, 6103, 9155
crop residues 3075, 6567, 9499
dolomite 3951
filter cake 2402, 6566
fly ash 2075, 2374, 3089
gypsum 2479, 3945, 5300, 6567
lime 233, 1059, 3090, 3498, 3945, 4016, 5300, 6563-6565, 8042, 9538
manures 1188
phosphogypsum 3951
waste paper 9497
soil compaction 6567, 6608
soil fertility 2075
India, Madhya Pradesh 3931
soil inoculation
Azospirillum brasilense 9164
bacteria 4023
Bradyrhizobium elkanii 9161
Bradyrhizobium japonicum 359, 6614, 9160-9161, 9164
strains 4787
Gigaspora rosea 7455
Glomus etunicatum 7455
Glomus mosseae 7455
Pseudomonas fluorescens 6614
Rhizobium 1188
soil morphology 6609
soil pH 1059, 3951, 6609, 9538
soil physical properties 2075
soil properties 3520-3521
soil temperature 2372, 2929, 6606
soil texture 2075
soil types 9513
soil water 2482, 3520-3521, 7437, 8260, 9149
models 6605
soil water content 4766, 5669, 8423
sowing, comparisons, transplanting 5672
sowing date 1749, 2371, 2479, 2482, 3075-3076, 3937-3939, 3955, 3981, 5617, 5672, 6966, 7407, 7417, 8214-8215, 8243, 8618, 8628, 9098, 9100-9102, 9136, 9157
cultivars 5618
sowing depth 2478, 6557, 8214
sowing methods 2478, 5619-5620
direct sowing 1748, 2067, 6557
sowing rates 1750, 2370, 2390, 3108, 5617, 6557, 6559
space science 3143
spacing 1073, 1750, 3108, 3940, 3974, 4239, 4760, 6558, 6561, 7408

Soyabeans *cont.*
stems
composition
chloride 3120
minerals 2075
growth 7436
morphology 9140
water content 4426
water potential 4426, 7436
temperature 354, 362, 2397-2398, 3883, 3956, 4017, 5672, 6610, 7424, 7437, 7447, 9148, 9151
heat sums 2396, 6592
threshing 3943, 4762
topography, slope 8088
topping 5672
translocation
betaine 2677
carbon 357
elements 9125
herbicides 1064, 7259
nitrogen 2379, 2385, 3119, 4137, 4786, 7430-7431, 7445
photosynthates 2378, 4772
source sink relations 357, 2385, 7430, 8250, 9121
sulfur 1065, 1759, 5655, 7431, 8250
transpiration 3997, 4011, 6602, 6606, 9394
carbon dioxide 2347
estimation, remote sensing 3152
transplanting, comparisons, direct sowing 5672
trichomes
colour 9139
density 9139
tropisms, gravitropism 3143
uptake, herbicides 7259, 8284
vegetative propagation, cuttings 1754, 5662, 8218
water management 4761, 7410
water relations 1070
herbicides 4771
models 6603
water requirements 4402, 4422, 6561, 9520
water stress 353, 3138-3139, 3950, 4009, 4783, 4901-4902, 5613, 5669-5670, 5672, 6604, 7411, 7436, 7445, 7447, 7976, 8281-8284, 8672, 9109, 9146
growth stages 4011, 4782, 8223
models 6603, 8279
water table 5668, 8219-8220
water uptake 741, 4771, 7834
water use 4141, 4422, 6592, 7437, 9481
models 5240
water use efficiency 6592, 9104, 9481
waterlogging 4010, 4781, 8219, 8423, 9107
watershed management 7020
weed control
biological control 7426
cover crops 1062
cultivation 339, 347, 1063, 2390, 3106, 3245, 3963, 3969, 3971, 4760, 9120
cultural control 3107-3108, 3111, 4767, 7427, 9499
herbicides 2390, 2704, 3111, 3245, 3963-3965, 4760, 4767, 6564
models 9115
hoeing 1063
integrated control 3963
manual weed control 1063, 1598, 3105-3112, 3245, 3964, 3974, 4760, 4768, 6554, 6564, 7408, 7421, 9119
models 6365, 7420
weeds 4442, 7423
Abutilon theophrasti 346, 6578, 7426, 8237
Acalypha ostryifolia 7419
allelopathy 4785
Amaranthus cruentus 346
Amaranthus hybridus 3975
Amaranthus retroflexus 8237
Brachiaria plantaginea 9116, 9120
Caesulia axillaris 3109
Cassia obtusifolia 3965, 3969, 6578, 7419, 8238

Soyabeans *cont.*
weeds *cont.*
Cassia occidentalis 6578
Chenopodium album 346
Commelina benghalensis 3973
Cucumis melo 7419
Cynodon dactylon 7866, 9119
Cyperus esculentus 6578
Cyperus iria 3973
Cyperus rotundus 3109, 3112
Datura stramonium 346
Digitaria ciliaris 3112, 9119
models 7422
Dinebra 3112
Echinochloa crus-galli 3109, 3112, 3966, 3976, 6592, 9117, 9119
Euphorbia heterophylla 3111
Ipomoea lacunosa 3969
Jacquemontia tamnifolia 6578
Panicum miliaceum 346
Parthenium hysterophorus 3973
Pharbitis hederacea 4771, 6580, 7419
Phyllanthus niruri 3109
Polygonum persicaria 346
Sesbania exaltata 6579, 7424
Setaria faberi 7427, 8237
Setaria viridis 346
Sida spinosa 7419
Solanum nigrum 346
Sorghum halepense 346, 3975, 6579
Trianthema portulacastrum 4785
Xanthium strumarium 346, 3966, 6579
wind 4426
xylem, cell walls, ultrastructure 9142
yield components 2397, 3938
diseases 3989
yield correlations 343, 1755, 2369, 2392, 5635-5636, 6592, 6594, 8233, 8263, 9140
yield forecasting 4026
yield losses, reviews 767
yields
mapping 2954-2955, 4756
models 6078, 6605
seasonal variation 5481
spatial distribution 5481
stability 1061, 4756, 5481
Space science
conferences 9574
reviews 9536
Spain
Brassica carinata, production possibilities 6919
Brassica napus, production possibilities 6919
Cicer arietinum, crop husbandry 6719
farming systems
extensive farming 9554
intensive farming 9554
nature conservation 9554
subsistence farming 9554
land use, remote sensing 2707
Linum usitatissimum, production possibilities 6860
Ricinus communis, cultivars 4274
Sinapis alba, production possibilities 6919
sugarbeet
crop husbandry 1193, 6745
cultivars 1193
sunflowers, land use 3533
triticale, cultivars 5384
Triticum durum, cultivars 25
Spartina, production possibilities, UK, Scotland 5916
Sphenostylis stenocarpa
diseases
Aspergillus flavus 7599
Aspergillus niger 7599
Botryodiplodia theobromae 7599
Colletotrichum dematium 7599
Gibberella fujikuroi 7599
Penicillium 7599
plant density 7597
seed treatment, soaking 7599
seeds
germination
plant diseases 7599
seed treatment 7599
Sphenostylis stenocarpa *cont.*
sowing date 7597
Sri Lanka, *Cajanus cajan,* cultivars 7554
Statistical analysis
climate 857
field experimentation 2703
growth 1402
Stems, tropisms, gravitropism, reviews 9528
Sterility, male sterility, water stress, reviews 8674
Stomatal movement, reviews 6997
Stomatal resistance, models 4403
Sugarbeet
agricultural meteorology 7852
air pollution
ammonia 2095
carbon dioxide 7878
hydrochloric acid 2095
solvents 2095
sulfur dioxide 2095
carbon dioxide enrichment, models 7878
cells
cell division 3288
cell membranes, translocation 2497
plasma membranes, enzymes 3287
protoplasts, ion transport 4922
chemical composition
cadmium 3504
heavy metals 7819
lead 3504
mercury 3504
nitrogen 4917, 7393
phosphorus 7393
potassium 7393
sugar 4156
trace elements 5215, 8867
chlorophyll, fluorescence 2260, 5812
chloroplasts
thylakoids 752
ultrastructure 752
climatic change, models 7878
cover crops
barley 4906
Lolium multiflorum 4906
rape 4906
Raphanus sativus var. *oleifera* 4906
rye 167, 4906
Sinapis alba 4906
wheat 4906
crop husbandry 1192, 1194, 9283
Czech Republic 7606
France 7605
Italy 7603-7604
Spain 1193, 6745
crop management, models 7621
crop production
Hungary 3278
UK 1873
cropping systems, UK 1873
cultivars 1195
Belgium 7615
Czech Republic 1890, 2489, 4161, 9295
Denmark 9500
genotype environment interaction 2492
identification, books 7888
Italy 2491-2494, 8425
Netherlands 4920
Russia 2490
Slovakia 3514
Spain 1193
Sweden 7616
UK 3282
Yugoslavia 3283-3284
Stork 3285
cultivation 167, 1195
chiselling 1875
conservation tillage 3476
depth 1875, 4371
discing 4371, 8627
harrowing 1876, 2483, 8627
levelling 1876
minimum tillage 2484, 3472, 4371, 8627
no-tillage 764, 1877, 4371
ploughing 764, 1875, 1877, 2483, 3472, 4371, 5192, 8627, 9284
ridging 1875
rotary cultivation 1876, 2483
subsoiling 5192
Sugarbeet *cont.*
diseases
beet mild yellowing luteovirus 1198
beet necrotic yellow vein furovirus 2493
Cercospora beticola 2493, 4920, 8426
Rhizoctonia solani 4172
drought 4171-4173
dry matter accumulation 1546
energy relations 3539
enzymes
adenosinetriphosphatase 2497, 4922
aldehyde dehydrogenase 4174
chitinase 8426
β-fructofuranosidase 4177
glucose-6-phosphate isomerase 4177
glutamate-ammonia ligase 2496
glutamate dehydrogenase 2496
hexokinase 4177
malate dehydrogenase 6752
nitrate reductase 2496, 3286, 4164, 7618
oxidoreductases 3287, 6750
peroxidases 5810-5811, 8427
phosphoenolpyruvate carboxylase 6752
phosphotransferases 9518
sucrose synthase 4177, 4383
equipment, seed treatment, fungicides 718
evapotranspiration, models 499
farming systems
energy relations 3539
integrated systems 3472
organic farming 3472, 3504
traditional farming 3504
fertilizers 3274
boron 6749
foliar application 2488
composts 3280, 6988, 7816, 7819, 9294, 9496
copper 6749
foliar application 1888, 2488
farmyard manure 1886, 2674, 3280-3281, 3472, 4162, 9289
residual effects 1212
foliar application 4375
liquid fertilizers 6988
magnesium 4160, 7612
foliar application 2488
manganese 6749
manures 6194, 9290
molybdenum 6749
nitrogen 1193, 1195, 1197, 1204, 1546, 1884, 1886, 2484, 2673-2674, 3280, 3286, 3488, 4155, 4159, 4162, 4165, 4917-4919, 5196, 6097, 6747, 6988, 7613, 7816, 9289, 9291, 9293, 9496
application date 2487, 4158, 5808, 7614
application methods 1196, 1885
economics 1196
foliar application 1885, 2488, 5808
models 3272
requirements 7809, 9292
models 7611
sources 5196
use efficiency 3493, 4158, 6988, 7809
NPK fertilizers 1198, 3281, 3472, 3514, 4375, 7393
organic fertilizers 2673, 5196
organomineral fertilizers 7393
phosphorus 1193, 1205, 2487, 2674, 3280, 4162, 4165, 7613, 7811, 9289
application date 7614
use efficiency 3493
pig slurry 3493
potassium 1193, 2487, 2674, 3279-3280, 4160, 4162, 4165, 7612, 9289
application date 7614
sources 3490
rare earth elements, foliar application 1889
rice bran 5196
rice straw 5196

Sugarbeet *cont.*
fertilizers *cont.*
sewage sludge 6988, 7819
straw 1886, 3280
sugarbeet 1887
trace element fertilizers 6748
trace elements 4375
usage, reviews 1883
zinc 6749, 7811
field experimentation, experimental design 2500
fungicides
hymexazol 3273
thiabendazole 7025
thiram 4908, 9285
green manures
grasses 4907
legumes 4907
Lolium multiflorum 3281
Medicago lupulina 3281
Sinapis alba 3280
growth regulators 1199
Atonik 483, 4156, 7608
auxins 6746
BCO-4 489, 2485
benzolinon 4157, 7608
benzyladenine 4908-4911, 5814-5815
cytokinins 2497, 4909, 4911, 7608
2,4-D 5815
ethephon 6746
fusicoccin 8667
binding sites 4922
growth stimulators 4908, 4912
hydroxybenzyl adenosine 2486, 4911
isopentenyladenine 4910
2-KhÉFK 721
Rastim 483
Rastim 30 DKV 1880-1881
thidiazuron 5815
TIBA 5815
zeatin 4909-4910
zeatin riboside 4909-4910
harvesting 3277
damage 7610
harvesting date 1546, 5808, 9286-9287
models 3272
harvesting losses 1882, 4913-4914
machinery 7609
mechanization 1194
methods 1194, 7609
heat shock 9297
herbicides
chloridazon 485
clopyralid 486
desmedipham 485, 487
endothal 487
ethofumesate 485, 487
fluazifop 486
imazamethabenz 766
imazethapyr 766
phenmedipham 485-487
quinmerac 485
surfactants 487
tolerance 7617
toxicity 766, 3758
triazine herbicides 3758
triflusulfuron 487, 7722, 7868
in vitro culture
composition
carotenoids 4923
chlorophyll 4923
cryopreservation 5816
culture media 3290
enzymes 4922, 5811, 6752, 8427
explants 4923
growth regulators 4922, 5814-5815
light 5811
metabolism 3288, 6752
protoplasts 3290, 4170, 4922
regeneration 1892, 5814-5815
regenerative ability 3289
temperature 5814, 9297
insecticides
aldicarb 488
carbofuran 488, 4908
fenthion 488
imidacloprid 3273
intercropping
Melilotus officinalis 1874
Trifolium repens 1874

Sugarbeet *cont.*
irrigation 741, 3274
cultivars 3276
irrigation requirements 719, 3276, 4154, 6094, 8424
irrigation scheduling, models 499
plant density 1193
spacing 1193
sprinkler irrigation 4155, 9288
subsurface irrigation 7806
trickle irrigation 9287
juice quality 4175, 6753
leaf area 7614
leaf area index
estimation, remote sensing 2499
monitoring, remote sensing 2498
leaves
canopy
reflectance
models 7620, 8428
remote sensing 7620
cell walls, composition, elements 5810
colour 4159
composition
amino acids 4237
arginine 5809
betaine 7608
calcium 5810
chlorophyll 484, 5810
nitrogen 4921
phosphorus 7613
potassium 4162
proteins 4169
strontium 5810
trace elements 6749
development, models 7619
emission, carbon dioxide 1891
enzymes 3286, 4174, 5810, 7618, 9518
metabolism, betaine 7608
removal 484
senescence 484, 2486
stomata 3289
light, reflectance 4921
metabolism
carbohydrates 4177
chlorophyll 2486, 2496
fungicides 7025
heat shock proteins 9297
herbicides 7868
nitrogen 6752
nucleic acids 3288
phosphorylation 4922
polyamines 3288, 6752
proteins 2496
putrescine 3288
reviews 4383
spermidine 3288
sugars 4177, 4911, 6752
tricarboxylic acids 6752
mineral nutrition 3291
cadmium, toxicity 2496
calcium 5810
deficiency 9297
foliar diagnosis 4921
iodine 2681
nitrogen 1198, 2673, 4907, 4921
diagnosis 3286
foliar diagnosis 4165
models 3272
phosphorus 1198, 2673
potassium 1198, 2673, 5809
deficiency 3279
strontium 5810
sulfur 2496, 5809
mineral uptake
cadmium 8642
nitrate 4164
nitrogen 1201, 1884, 3488, 5196, 6747
phosphorus 1205
mulches
plastic film 4153
straw 167
nitrogen balance 2673
pests
Archiboreoiulus pallidus 488
Blaniulus guttulatus 488
photosynthesis 484
electron transfer 2495

Sugarbeet *cont.*
photosynthesis *cont.*
growth regulators 2486, 4910
photoinhibition 2495
photosystem II 2495
plant competition 1890
weeds 764
plant density 1195, 1878-1879, 1890, 3275, 9287
models 3272
planting stock 4917
pollution, cadmium 2496, 8642
precipitation 1893, 4171, 6753
plant density 1193
spacing 1193
quality 6751
reclamation 9537
remote sensing 7032, 8428
identification 6127
yields 792
rhizosphere, bacteria 3292
root shoot ratio 1199, 1889
root systems 1197, 1199-1200
models 1202
rooting depth, models 1202
roots
cleaning 7609, 7622
composition
amino acids 1203, 4237
ash 4155
betaine 1203, 7608
cations 490
minerals 4163, 4176
nitrogen 1204, 2488, 4155, 7613, 9292
phosphorus 1203, 7613
potassium 483, 2488
proteins 4155
sodium 483, 1204, 2488, 4168, 5813
sucrose 7613
sugars 483-484, 1192, 1203-1204, 1880, 1893, 2488-2489, 3293, 3472, 3488, 4155, 4157, 4162-4163, 4168, 4918, 5807, 5813, 6746, 6749, 6751, 9286
trace elements 6749
depth 1197
development 4166
enzymes 4177, 4383, 5810
growth 1200-1202, 1206
growth regulators 1199
length 1197, 1205
metabolism 4911
betaine 7608
nucleotides 4166
sugars 4383
mineral uptake 1199
pH 4163
quality 1880, 4168, 5813, 9284
determination 4167
respiration 2497, 4166
root hairs 1205
storage 1880, 3293, 4177, 4911, 7622
temperature 1205
uptake, phosphorus 1205
water relations 1199
rotations 3476, 5182, 9496
barley 1875, 1886, 9290
cotton 7677
maize 1875, 9287
soyabeans 9287
wheat 1875, 1886, 9287
row orientation 4152
salinity 4174-4175
seed production 4915-4916
fertilizers 2487, 4165
mineral nutrition 4165
soil water content 2487
water use 2487
water use efficiency 2487
Yugoslavia 3274
seed quality 4915-4916
seed treatment 2490
coatings 3487, 7607
fungicides 3273, 4908, 9285
growth regulators 489, 4908
insecticides 3273, 4908
lasers 5807
osmotic pretreatment 9296

Sugarbeet *cont.*
seed treatment *cont.*
pregermination 9285
soaking 7607
seedbed preparation 482, 1876, 2483, 4906
seedlings
cotyledons, enzymes 4164
emergence 491, 3275, 5069
seedbed preparation 2483
enzymes 4174
seeds
cell cycle 9285
composition, proteins 9296
germination, seed treatment 7607
metabolism
nucleic acids 9285
proteins 9296
storage 3273
shoots
composition
boron 2488
cations 490
magnesium 2488
soil
nitrogen 1197, 1201, 4919, 6097
phosphorus 4162, 9291
potassium 9291
soil amendments, lime 6194, 9290
soil compaction 1206, 5069, 7857-7858, 9284
soil fertility 1212, 3291, 9537
soil pH 4163, 4176, 9291
soil physical properties 491
soil temperature 9287
soil water content 2487, 4627
sowing date 482, 1546, 3274, 4915-4916, 9286-9287
sowing depth 482
sowing methods, direct sowing 4153
sowing rates 482, 9287
spacing 3275
spectral analysis 3530
stomata, guard cells, protoplasts 4170
storage 4909
temperature 4177
stress, evaluation 5812
temperature 1893, 4171, 6753
heat sums 1202
translocation
nitrate 4164
photosynthates 1199, 1889
reviews 4383
vegetative propagation, micropropagation 5814
water stress 4174
remote sensing 2260
water uptake 741, 4417
water use 2487
models 8424
water use efficiency 2487
cultivars 3276
weed control
cultivation 764, 3472
cultural control 1874
herbicides 1421
hoeing 486
physical control 1421
weeds
Abutilon theophrasti 487
Hirschfeldia incana 486
Lathyrus ochrus 486
Medicago polymorpha 486
Phalaris brachystachys 486
Poa annua 486
Ranunculus sardous 486
Vicia sativa 486
yield correlations 1893, 4159, 4168, 5813
yields
estimation 4159
models 792, 2810, 3272
seasonal variation 1893, 3278

Sugarcane
accumulation, sucrose 6060
allelopathy, reviews 7867
alley cropping, *Populus* 1368
apical meristems, cryopreservation 6066
apparatus, growth chambers 6058, 6068
biomass production 2662, 6019
chemical composition
anthocyanidins 3461

Sugarcane *cont.*
chemical composition *cont.*
calcium 5176
chlorogenic acid 5169
chlorophyll 9455
dry matter 7786
elements 5172
fibre 3457
flavonoids 5169
iron 9455
manganese 9455
nitrogen 2034, 6029
polysaccharides 3461
potassium 5176, 7787
reducing sugars 4347, 6029
selenium 4352
sodium 5176
starch 3461
sucrose 1346-1347, 1357, 1360, 2038, 3447, 3457, 3460, 4347, 6029, 7786, 9445, 9458
determination 6061
sugars 707, 2038, 2651, 2654, 3448, 3460, 6059
climate 9463-9464
conferences 6144
continuous cropping 6018, 6021, 6065
crop husbandry 6019-6020
Colombia 6033
India
Maharashtra 7778
Uttar Pradesh 4462
crop management
computer software 4354
Kenya, reviews 9441
crop production
Congo 9440
sustainability 2032
crop residues 6018
cryoprotectants, betaine, foliar application 6030
cultivars
Argentina 6945, 7780
Australia, Queensland 6946
Caribbean 6048-6049
genotype environment interaction 6958
identification, books 7888
India 1360, 2656, 9453
Andhra Pradesh 3451, 6047
Assam 1358, 6045-6046, 9451
Haryana 2038
Orissa 6044, 7781, 9452
Tamil Nadu 1359, 6050
USA
Florida 4349
Louisiana 3461
Venezuela 3452
66N2008 6948
76N749 6947
86A55 6949
Co91230 2658
CoG94077 2657
CoS91248 6051
CP84-1591 699
Q163 6950
Q165 6951
Q166 6952
Q167 6953
Q170 6954
ROC22 8604
UP39 3453
cultivation 6957
minimum tillage 705
no-tillage 6018
ridging 6018
defoliation, cultivars 7782
desiccants
ethephon 6032
fluazifop-p 6032
diseases
Pachymetra chaunorhiza 9454
Ustilago scitaminea 5169
drought 8609
drought resistance 5175
dry matter accumulation 6060
endophytes, *Acetobacter diazotrophicus* 8612
energy requirements 9474
energy sources 7768

Sugarcane *cont.*
enzymes
acetate-CoA ligase 5169
catalase 4353, 5173, 9455
β-fructofuranosidase 707, 4351, 5170-5171, 6055-6056, 9457
fructose-bisphosphatase 3464
glyceraldehyde-3-phosphate dehydrogenase 4355
hexosyltransferases 707, 6053
kinases 3464, 4355
malic enzyme 3464
nitrate reductase 1363
nitrogenase 5177
peroxidase 9455
peroxidases 9454
phenylalanine ammonia-lyase 5169, 9454
phosphoenolpyruvate carboxylase 3464
phosphoglycerate kinase 4355
ribulose-bisphosphate carboxylase 3464, 4355, 9456
sucrose synthase 6053, 6055, 6057
superoxide dismutase 4353, 5173
evapotranspiration
estimation, techniques 4356
models 2661
farm inputs 9474
farming systems, sustainability 6019-6020
fertilizers
application methods 8600
biogas slurry 9450
cattle manure 1357
crop residues 6100
farmyard manure 3449, 4347, 6100, 7770
filter cake 1357, 6042, 6100, 6944, 9450
iron 6039
foliar application 2654, 3447
manures 1357, 7778
nitrogen 697-698, 1346, 1349-1350, 1356, 3447, 3449-3450, 3459, 4347-4348, 5166, 5172, 6025, 6028-6029, 6039, 6043, 6100, 6960, 7769-7770, 7778-7779, 8596-8597, 8602-8603, 8609
application date 6035, 8601
application methods 6035
foliar application 1351, 6024, 6941
reviews 5165
models 1354, 6036, 9448
requirements 9448
reviews 1352
sources 2034-2035, 2653, 8601
use efficiency 1353, 2034, 6035
estimation 6070
NPK fertilizers 1355, 1357, 4345, 5167, 6040, 9450-9451
foliar application 2033
organic fertilizers 5167
phosphorus 3447-3448, 4347, 6039, 6944, 7778
potassium 3447, 4347-4348, 6039, 7778, 9449
application date 6037
foliar application 6024
reviews 9447
sugarcane trash 1354
sulfur 6041, 9449
foliar application 6943
sources 6942
trace elements 1357, 4347
foliar application 2033
vinasse 2036-2037, 6042
zinc 1357, 6039
foliar application 3447
field experimentation, databases 6067
flooding 6955, 8610
flowering
growth regulators 7775, 9445
light 7775
frost injury 6956, 9466
frost resistance 9466
genotype environment interaction 1361
green manures 6018
Crotalaria juncea 3449-3450, 6043, 6100

Sugarcane *cont.*
green manures *cont.*
Indigofera tinctoria 6043
Sesbania aculeata 3449-3450, 6043, 7770
Sesbania rostrata 6043
growth analysis 2662, 6058
growth regulators
abscisic acid 6059, 8607-8608
benzyladenine 2049
brassinolide 8607-8608
casein hydrolysate 2049
cytokinins 5174
2,4-D 2049, 3462
ethephon 7775-7776, 9445
fluazifop 7776
gibberellins 6024
glyphosate 7774
mepiquat 8607-8608
NAA 1357, 6024
paclobutrazol 8607-8608
polyamines 5173
salicylic acid 8607-8608
triacontanol 2033
triadimefon 8607-8608
harvesting 6018
damage 2652
harvesting date 1349-1350, 2651, 6063, 6072, 9443, 9459, 9466
models 7777
harvesting losses 696, 4346
machinery 5164
mechanization 8599, 9446
methods 4346
Colombia 6033
herbicides
alachlor 5227
ametryn 2042, 7783, 8605
asulam 702, 2039
atrazine 1362, 2040-2042, 2659, 5168
clomazone 704
2,4-D 2040-2042
diuron 1362
fluchloralin 701
glyphosate 700
isoproturon 701
MCPA 8605
metribuzin 704, 1362, 2040-2041, 2659, 5168, 5227
MSMA 700
paraquat 2040
simazine 1362
TCA 700
tebuthiuron 7783
terbacil 704
thiobencarb 5227
tolerance 704
in vitro culture 709
artificial seeds 9462
culture media 2049, 3462-3463, 5173
elicitors 9454
enzymes 5173, 9454
growth, determination 708
growth regulators 2049, 3462, 5173-5174
metabolism 5173, 9454
organogenesis 3463
protoplasts 3462
regeneration 2049, 3462-3463, 5173
somatic embryogenesis 2048-2049, 9462
water stress 5173
insecticides, chlorpyrifos 2043
intercropping
Brassica juncea 5114, 6022
Cicer arietinum 6075
Coriandrum sativum 1344, 6022
Foeniculum vulgare 1344
garlic 1344, 6022
groundnuts 5227
Lens culinaris 6075
Linum usitatissimum 6075
maize 1345
Nigella sativa 1344
onions 1344, 6022
Plantago ovata 6075
soyabeans 1749, 5227
Trachyspermum ammi 1344
Trigonella foenum-graecum 1344, 6022, 6075
Vigna mungo 2667, 5227

Sugarcane *cont.*
intercropping *cont.*
Vigna radiata 2667
Vigna unguiculata 2667
wheat 5162
irrigation 1353, 5163, 7778, 8609
flood irrigation 720
furrow irrigation 6028-6029
irrigation requirements 9444
irrigation scheduling 1347, 5178, 7772-7773, 8597
models 7771-7772
sprinkler irrigation 720
trickle irrigation 720, 6028-6029
use efficiency 9444
waste water 4345
juice quality 1350, 1353, 1749, 2051, 2654, 3445, 3457, 3460, 4347, 6024, 6029, 6031, 6037, 6040, 6943, 6956, 6960, 7787, 9458
cultivars 7788
defoliation 1348
fertilizers 3447, 6942, 8603, 9449
leaf area index 9467
leaves 9459
composition
chlorophyll 3456, 3464, 8607
elements 9458
estimation, techniques 6070
fibre 3456
manganese 6943
nitrogen 2047, 2660
phenols 3456
phosphorus 2660
potassium 2660, 6943
proteins 3464
sucrose 5171
sugars 5170
sulfur 6943
sulphur 2660
cultivars 7782
enzymes 3464, 4351, 4353, 4355, 5170-5171
leaf area 1360, 8607
metabolism 706, 5170
oxygen 4353
removal 1348, 7782
stomata 8607
stomatal resistance 710, 3464
water potential 3464
waxes 8607
light
interception 2662, 6026
use efficiency 2662
lodging 3445
maturation 7785
metabolism
glutathione 5173
malonaldehyde 5173
nucleotides 706
phenolic compounds 9454
sucrose 6053, 6055
sugars 5170
mineral nutrition
copper 9467
iron, deficiency 9455
manganese, deficiency 9455
nitrogen 697, 1351, 2034, 2047, 2653, 9456
sources 5177
zinc 9467
mineral uptake
nitrogen 2047, 2653, 6941, 6960, 7770, 9450
phosphorus 9450
potassium 8611, 9449-9450
selenium 4352
sulfur 9449
mulches 6018
sugarcane trash 1347, 1356, 2041
nitrogen fixation 2653, 5177, 8613
osmoprotectants, betaine, foliar application 6030
pest control
cultural control 2044
fallow 2045
hoeing 2045
integrated control 2045
ploughing 2045
pests
Antitrogus parvulus 2043

Sugarcane *cont.*
pests *cont.*
Dermolepida albohirtum 2044
Eumargarodes laingi 2045
insects 3455
Polyocha depressella 2046
Rattus sordidus 705
Scirpophaga excerptalis 2660, 3456, 8606
photosynthesis
carbon pathways 3502
electron transfer 3502
estimation, techniques 6070
mineral nutrition 9456
net assimilation rate 7782
photosystem II 3502
water stress 3464
plant competition, weeds 2042, 3454, 8605
plant density 1346, 6026, 8596
plant development 2662
plant height 6028, 8609
planting, equipment 695
planting date 1749, 6022, 6025, 6072, 9443
planting methods 6023-6024
planting rates 6023
planting stock, production 6023
precipitation 6063, 7789
preharvest sprays, reviews 8598
production possibilities, India 7768
protoplasts, isolation 3462
ratooning 2041, 2651, 2662, 3446, 6034
relative humidity 7789
reports 9569
respiration, measurement, techniques 6052
ripening 7774
reviews 1364
root shoot ratio, cultivars 6062
roots
distribution 9467
growth 6059, 6062
respiration 6059
rotations 6018
fallow 6021
groundnuts 7783
pumpkins 6021
rice 6100, 7770
sesame 6100
Vigna unguiculata 7770
salinity 1363, 2051, 2655, 5176, 7790, 8611
salt tolerance, cultivars 2655, 7790
seedlings, growth 8608
sets
inoculation
Azospirillum 1355
Azotobacter 1355
soil
bacteria 6941
calcium 6958
manganese 6958
phosphorus 9467
potassium 5489
selenium 4352
zinc 6958
soil amendments
calcium nitrate 2655
coir 5178
farmyard manure 5178
filter cake 5178
gypsum 9468
hydrophilic polymers 1347, 5178
lime 9468
phosphogypsum 2655
sulfur 2655
soil compaction 6957
soil degradation 9468
soil fertility 4348
soil inoculation
Acetobacter 6959
Aspergillus 6959
Azospirillum 6959, 9331
Azospirillum brasilense 6960
Azotobacter 6959
Azotobacter chroococcum 6960, 9331
Bacillus 6959
bacteria 1356
Pseudomonas 1355
soil physical properties, reviews 6957

Sugarcane *cont.*
soil properties 6065
soil types 2654, 4348, 9464
soil water content 1351
sowing date 698, 6955
spacing 1346, 5166, 6025-6027, 6064, 7769-7770, 8596
stems
accumulation
sucrose 2663, 6055-6056
sugars 6057
anatomy 6054
composition
dry matter 697
fibre 8602
nitrogen 8602
sucrose 697, 2663, 5171, 6060, 7785
sugar 7774
sugars 3459, 5170
enzymes 4351, 5170-5171, 5177, 6053, 9457
fibre 3457
metabolism 5170
phloem 6054
respiration 6055
translocation
hexoses 6053
sucrose 6053
volume, estimation, techniques 3465
storage, deterioration 711
temperature 7789
tillering 6028
topping 6031
tramlining 6064
translocation, sucrose 6054
transpiration 710, 9455
vegetative propagation
growth regulators 8607-8608
micropropagation 8607-8608, 9460
water management 2650
water relations 5163
water requirements 5163
water stress 710, 3464, 4353
water uptake, models 7784
water use efficiency 5178
databases 6071
waterlogging 9465
weather 2050, 7789
weed control
cultivation 700
cultural control 7783
herbicides 701, 4350, 5168
hoeing 1362, 2041
integrated control 1362, 2040, 7783
manual weed control 701, 2040, 2659, 4350
mulching 4350, 5168
physical control 5168
weeds
Cynodon 700
Cynodon dactylon 700, 703, 3454
Cynodon plectostachyus 700
Cyperus esculentus 8605
Digitaria abyssinica 700
Sorghum halepense 702, 2039
wheel tracks 6064
yield correlations 1360, 6072, 7781
yield forecasting 2050
weather, models 7789
yields
climate 9463
databases, Australia 6071
estimation 2664, 8609
techniques 6070
India 4344
mapping 2664
techniques 6069
Papua New Guinea 3455
seasonal variation 3455
trends 8595, 9442
Sunflowers
agricultural meteorology 7852
agroforestry 4360, 6084
air pollution
ammonia 2095
carbon dioxide 7878
hydrochloric acid 2095
solvents 2095
sulfur dioxide 2095
allelopathy 8206
Sunflowers *cont.*
alley cropping
Azadirachta indica 6084
Dalbergia sissoo 6084
carbon dioxide 8060
carbon dioxide enrichment 2695, 3396, 5101
models 7878
cells
cell membranes 4297
enzymes 5100
ion transport 5100
damage 4297
peroxisomes, ultrastructure 5951
tonoplast 5100
chemical composition
cadmium 3495
chlorophyll 1296
chromium 757, 1417, 3495
copper 3495
crude protein 4364
dry matter 4364
elements 3496
lead 3495
minerals 7702
nitrogen 5945, 7702, 8641, 9389
phosphorus 4364, 5945, 9389
potassium 4364, 5945
proteins 9389
starch 9389
strontium 1417
sugars 9389
sulfur 1987, 5945
trace elements 5215
chlorophyll, fluorescence 1286, 1294
chloroplasts
enzymes 6828, 8532
metabolism 6828
climatic change 3543
models 7878, 9562
coleoptiles, tropisms, gravitropism 9391
cotyledons, senescence, growth regulators 7840
crop production
Argentina 3543
Slovakia 3389
cultivars
India, Maharashtra 5938
Italy 1282, 2610, 2616, 8529
Romania 7700
Russia 3392
Turkey 7701
Co3 1284
Coril 659
Daniel 4287
cultivation
chiselling 7696
depth 4371
discing 4371, 5095
harrowing 6865, 6969
minimum tillage 4371
no-tillage 722, 4371, 6865, 6969
ploughing 4371, 5095, 6865, 6969, 7696
ridging 5096
rotary cultivation 6865, 6969
diseases
Diaporthe helianthi 1985
Phoma macdonaldii 1985
drought resistance 661, 7707
cultivars 4297
dry matter accumulation 2666, 4297
energy relations 8618
energy requirements 3467
energy value 5188
enzymes
acid phosphatase 9389
acyltransferases 8531
adenosinetriphosphatase 5100, 7711, 9389
catalase 1031, 2613, 9389, 9396
catechol oxidase 9389, 9396
glutathione reductase (NAD(P)H) 2613
lipoxygenase 2613, 4291
malate dehydrogenase 6828
NADPH-cytochrome c-reductase 8531
nitrate reductase 3390, 5098
oxidoreductases 1989, 2613, 6828, 8060, 8531
oxo-acid-lyases 3396
Sunflowers *cont.*
enzymes *cont.*
peroxidases 1031, 2613, 8533, 9389, 9396
phosphoenolpyruvate carboxykinase 1303
phosphotransferases 8531, 9518
pyruvate dehydrogenase (lipoamide) 6828
ribulose-bisphosphate carboxylase 662
superoxide dismutase 1031, 2613, 8532
urease 8641
farming systems 1282
fertilizers
cattle manure 3499
crop residues, residual effects 3391
factory effluents 4286
farmyard manure 3495-3496
residual effects 3391
filter cake 8527
hair 3495-3496
magnesium 8526
nitrogen 655, 1282, 1981-1982, 1985, 2609, 3390, 3393, 3495-3496, 4286, 5941, 8522, 8741, 9383, 9387
application methods 4284
reviews 722
use efficiency 3493
NPK fertilizers 7814, 8527
phosphorus 655, 1282, 3495-3496, 5941, 8524, 9383, 9387
residual effects 3391
use efficiency 3493
pig slurry 3493
potassium 1282, 3495-3496
application methods 8525
foliar application 8525
use efficiency 9386
poultry manure 4286
sewage sludge 917, 2058
sulfur 5945-5946, 8526
sources 657, 5947, 6868
tannery sludge 3495-3496
flooding 9394
flowering, flowering date 5937, 8526
flowers
gynoecium, composition, calcium 4292
nectar flows 7700
fungicides
carbendazim 1985
flusilazole 1985
grafting 5201
gravity 9395
green manures
Crotalaria juncea, residual effects 4681
Sesbania rostrata, residual effects 4681
soyabeans, residual effects 4681
growth
growth rate 2614, 5946
growth stages 5941
models 2614, 6078
seed sources 8535
water stress 2618
growth analysis 2612, 5948, 5950, 9382
growth regulators
abscisic acid 1287, 1289, 2615, 5949
ACC 8536
auxins 9385
AVG 8536
benzyladenine 5945-5946, 7706, 8539
chlormequat 1981, 5943-5944
cytokinins 9385
2,4-D 8539
ethephon 8536
ethylene 1287, 3396, 8060
flurprimidol 5099
gibberellins 1981, 2615, 3395, 7704, 7706
growth inhibitors 5099
IAA 1287, 1290, 5949, 7706
jasmonic acid 7840
kinetin 3395, 5943
maleic hydrazide 5944
mepiquat 5944
methyl jasmonate 7840

Sunflowers *cont.*
- growth regulators *cont.*
  - NAA 7706, 8539, 9385
  - paclobutrazol 7704
  - TIBA 5943-5944, 9385
  - triacontanol 9385
- herbicides 1282
  - atrazine 4440
  - Bay foe 5043 2109
  - chlorsulfuron 4440
  - clethodim 7866
  - 2,4-D 4440
  - ethametsulfuron 765
  - fenoxaprop-P 7866
  - fluazifop-P 7866
  - glyphosate 4440
  - haloxyfop 7866
  - imazamethabenz 766
  - imazethapyr 766
  - propaquizafop 7866
  - quizalofop-P 7866
  - residual effects 765
  - toxicity 766, 3758, 4440
  - triazine herbicides 3758
- hypocotyls
  - cell membranes, ion transport 1290
  - growth 1290-1291
  - stresses 9392
  - tropisms, gravitropism 9392
- *in vitro* culture
  - culture media 7706
  - growth regulators 7706, 8539
  - metabolism 8540
  - protoplasts 4295, 5953-5954, 7706, 9393
  - regeneration 1988, 5952, 7706, 8539
  - salinity 8540
  - somatic embryogenesis 5952
- inflorescences
  - composition
    - pectins 4293
    - sugars 4293
- intercropping 7796
  - *Cajanus cajan* 5934-5935, 5939, 6083
  - groundnuts 6968, 8522, 9482
  - *Leucaena leucocephala* 1371
  - peas 4364
  - sorghum 4366
  - soyabeans 7695
  - sunflowers 4364
  - *Vigna mungo* 6968, 7695
  - *Vigna radiata* 6968, 7695
  - wheat 6160
- irradiation, ultraviolet radiation 663, 5101
- irrigation 1985, 5941, 9383
  - computer software 7804
  - factory effluents 1296
  - growth stages 4285, 7699
  - irrigation requirements 4402
  - irrigation scheduling 656, 5942, 6866-6867, 6978
  - saline water 8525, 9384
  - sewage effluent 1296
  - subsurface irrigation 7806
  - waste water 917, 1296, 1552, 7805
- land use, Spain 3533
- leaf area index 1985, 1991, 9382
- leaves
  - chlorophyll, fluorescence 7703
  - composition
    - allelopathins 4294, 7705
    - cadmium 7016
    - cerebrosides 6119
    - chlorophyll 663, 2259, 4389, 5101, 5944, 5949
    - copper 8524
    - dry matter 2259
    - flavonoids 7705
    - heavy metals 6869
    - lactones 4294
    - minerals 4389
    - nickel 9389
    - nitrogen 3390, 3393, 4288, 5944
    - phosphorus 8524
    - proteins 5944
    - sphingolipids 6119
    - zinc 8524
  - development 5098
  - enzymes 5098, 8060, 8533, 9518
  - growth 3393, 8536

Sunflowers *cont.*
- leaves *cont.*
  - leaf angle 660
  - leaf area 2618, 3393, 4297
  - leaf conductance 1289
  - light
    - absorption 2259
    - reflectance 2259
    - transmittance 2259
  - metabolism
    - carbohydrates 3395
    - chlorophyll 3395
    - protein 3395
  - mineral uptake, heavy metals 6869
  - movement 660
  - orientation 660
  - position 3393
  - removal 8530
  - senescence 3395, 5949
  - spectral data 4389
  - stomata 1289, 4296
  - stomatal movement 1294
  - stomatal resistance 2695, 3838, 4296, 9394
  - water potential 1991, 2618, 3394, 3838, 5956, 8652
- light 1294, 2617
  - absorption 6083
  - far red light 1295, 4296
  - interception 1985, 5935, 5950
  - red light 1295, 6871
  - use efficiency 660, 5935, 5950, 6083
- light intensity 661, 1294, 4288
- mechanical stimulation 1297
- metabolism
  - amino acids 8540
  - antioxidants 1031
  - ascorbic acid 5205
  - chlorophyll 2613
  - coumarins 1288
  - DNA 2617
  - enzymes 1303
  - fatty acids 1989
  - free radicals 1031
  - glutathione 2613
  - lactones 5205
  - lipids 1031, 2613
  - nitrogen 9396
  - oxaloacetic acid 6828
  - phytoalexins 4289-4290, 8533
  - proline 4297, 8540
  - sugars 8540, 9396
- mineral nutrition
  - cadmium, toxicity 2613
  - calcium 5956
  - chromium 9396
  - copper, toxicity 2613
  - deficiency, remote sensing 7703
  - iron
    - deficiency 1287, 2259, 4389
    - toxicity 2613
  - magnesium, deficiency 4389
  - manganese
    - deficiency 4389
    - toxicity 9390
  - nickel
    - deficiency 8641
    - toxicity 9389
  - nitrogen 3390, 3393, 4288, 5202
    - deficiency 8641, 9386
  - phosphorus 5202
  - potassium, foliar diagnosis 2678
  - sodium 5956
  - sulfur 9388
    - deficiency 4389
- mineral uptake
  - chlorine 7709
  - chromium 1417
  - nitrogen 2666, 4284, 5202, 5940, 8527, 9387
  - phosphorus 738, 4284, 5202, 5940, 8527, 9387
  - potassium 2678, 5940, 8527
  - sodium 7709
  - strontium 1417
  - sulfur 657, 1987, 5947
- mixtures, wheat 6160
- mulches
  - crop residues 5940, 6977
  - leaves 6977
  - pine needles 7708

Sunflowers *cont.*
- mulches *cont.*
  - plastic film 5940, 7708
- multiple cropping 2059
  - rice 6969
- mycorrhizas
  - *Glomus* 7711
  - *Glomus fasciculatum* 4298
  - *Glomus intraradices* 4298
  - *Glomus mosseae* 4298
  - *Glomus sterilum* 4298
- nutation 9395
- photosynthesis 3390, 3393
  - carbon dioxide 2695, 3838
  - diurnal variation 1286
  - electron transfer 661
  - enzymes 662
  - flooding 9394
  - gas exchange 3838, 6872
  - growth stages 3394
  - irradiation 5101
  - light 4296, 6871
  - light intensity 661
  - photosystem II 661, 1286
  - water stress 660-662, 2618, 3838, 6872
- plant competition, weeds 380, 1285, 1983, 7796
- plant density 1982, 1985, 2083, 3388, 7698, 8523, 9382
- pollination 4284, 8537
- pollution
  - chromium 757, 1417, 9396
  - factory effluents 1296
  - heavy metals 1296, 3499
  - sewage effluent 1296
  - strontium 1417
- precipitation 5939, 5955
- production possibilities
  - India
    - Andhra Pradesh 7814
    - Haryana 7036
  - reclaimed soils 2058
- protoplasts
  - enzymes 4291
  - regenerative ability 4295
- remote sensing, reflectance 9549
- respiration, light 6871
- root systems 7710
- rooting depth 7834
- roots
  - anatomy 1287
  - cell membranes, enzymes 7711
  - composition
    - cadmium 3499
    - calcium 5956
    - chlorine 5956
    - copper 3499
    - heavy metals 6869
    - lead 3499
    - magnesium 5956
    - nickel 3499
    - potassium 5956
    - sodium 5956
    - zinc 3499
  - enzymes 3396, 8060
  - growth 1297
  - growth regulators 3396
  - mineral uptake, heavy metals 6869
  - morphology 1287, 1297
  - water potential 8652
- rotations 5183
  - *Medicago sativa* 4286
  - models 6078
  - wheat 4286
- salinity 1990-1991, 5100, 5956, 7709, 8540
- salt tolerance 5100, 5956
- seed certification 1283
- seed inoculation, *Azotobacter chroococcum*, strains 1992
- seed production, Italy 1283
- seed quality, position 5936
- seed treatment
  - biogas slurry 5984
  - growth regulators 1980
  - scarification 1980
- seedlings
  - emergence
    - soil temperature 6113
    - soil water content 6113

Sunflowers *cont.*
seedlings *cont.*
enzymes 1031
metabolism
free radicals 1031
lipids 1031
translocation
calcium 1990
iron 1990
magnesium 1990
manganese 1990
seeds
accumulation, oils 8538
composition
cadmium 7016
fatty acids 1989, 2616
lipids 1292-1293
oils 656-657, 1989, 2610, 2612, 2616, 4286, 5944-5945, 6866, 7699, 7701, 8538, 9385, 9387
proteins 5944-5945
RNA 8534
sulfur 657
cotyledons, lipid bodies, purification 1298
development 5949
dormancy, growth regulators 2615
enzymes 1989, 8531
filling 2083, 5097, 5943
germination 1992, 8534
growth regulators 2615, 5943
salinity 7709
seed treatment 1980, 5984
seedbed preparation 6865
maturation 1989
metabolism 1989
proteins 8534
RNA 8534
provenance 8535
respiration 5097
vigour 5984
weight 2612
shading 2083
shoots
composition
cadmium 3499
calcium 5956
chlorine 5956
copper 3499
lead 3499
magnesium 5956
nickel 3499
potassium 5956
sodium 5956
zinc 3499
soil
chromium 1417
nitrogen 5202
phosphorus 5202
strontium 1417
soil amendments
calcium carbonate 6869
farmyard manure 8528
fly ash 8528
lignite 3499
lime 3499
rice husks 8528
straw 3499
soil properties 6870
soil temperature 7708
soil types 2058, 7036, 8679
soil water 5955, 8652
sowing date 4284, 5096, 5937-5939, 5950, 6866-6867, 7697, 7708, 8618, 8628, 9382
sowing rates 1282
spacing 655, 1282, 3388, 5934
stems
composition, heavy metals 6869
diameter 7710
heat flow 3783
mineral uptake, heavy metals 6869
thermal properties 3783
supports 7710
temperature 1989, 5101, 5955, 8538
heat sums 7708
translocation
chlorine 7709
coumarins 1288
growth regulators 5949

Sunflowers *cont.*
translocation *cont.*
sodium 7709
source sink relations 1986
sucrose 5201
transpiration 1291, 1296, 3390, 5101
antitranspirants 5940
determination 7833
light 4296
measurement, techniques 2272
tropisms, phototropism 1291
water relations 1296, 8652
water requirements 4402
water stress 661-662, 2618, 4297, 6872, 7707
growth stages 660, 3394
water uptake 6870, 7834
water use 5942, 9383
water use efficiency 5101, 6866, 6872, 6978, 9383
weed control
herbicides 1984
physical control 3388
weeds
Cynodon dactylon 7866
Cyperus rotundus 1983
Orobanche cernua 1285, 7702
parasitic weeds 7702
wind 7710
yield components 656, 658, 1981, 1986, 2612
cultivars 5948
yield correlations 2611
yields, models 6078
Sunn hemp (*see Crotalaria juncea*)
Swaziland
sorghum
crop production 3887
cultivars 3887, 3896
Swede rape (*see* Rape)
Sweden, sugarbeet, cultivars 7616
Swedes
cultivars, UK 8429
farming systems, organic farming 8429
fertilizers
boron 492
nitrogen 492
herbicides
haloxyfop 492
trifluralin 492
weeds
Chenopodium album 492
Elymus repens 492
Fumaria 492
Malva 492
Polygonum 492
Solanum nigrum 492
Sweet potatoes
agroforestry 5191
alley cropping 4214
antitranspirants 4994
carbon dioxide enrichment 1943
cells, plasma membranes, permeability 4998
chemical composition
carbohydrates 2561
sugars 2561
continuous cropping 5845, 6787
crop husbandry
Brazil 2070
Fiji 4207
Kiribati 4234
Papua New Guinea 4206
crop management, Kenya, reviews 9347
crop production, India, Orissa 5839
cultivars
Argentina 581
China 588
India
Assam 4997, 5842
Orissa 9337
Uttar Pradesh 1935
West Bengal 1939
Ayamurasaki 582, 9339
diseases
sweet potato feathery mottle potyvirus 1242
sweet potato sunken vein closterovirus 1242
drought resistance, cultivars 4998, 9336
dry matter accumulation 1939

Sweet potatoes *cont.*
enzymes
catalase 4998
cellulase 6789
esterases 1937
β-fructofuranosidase 3330
O-glycoside hydrolases 6789
oxidoreductases 1244
peroxidases 1246
polygalacturonase 6789
proteinases, inhibitors 1938
fertilizers
coffee pulp 4206
composts 4206
farmyard manure 4996
inorganic fertilizers 4206
nitrogen 4208, 4211-4214, 4996, 5841, 6788, 9335
phosphorus 4212-4214, 4996, 9335
application methods 4212
requirements 4217
pig manure 4206
potassium 4213-4214, 4996, 9335
poultry manure 4214
sulfur, requirements 4217
genotype environment interaction 2562, 9338
growth
growth rate 4208
seasonal variation 3334
growth regulators 8463
abscisic acid 589, 1246
benzyladenine 589, 3332
cytokinins 4219
2,4-D 589, 4991, 6792
ethephon 1246
gibberellins 3332-3333, 4991
jasmonic acid 8665
kinetin 3333
NAA 4991, 6791
paraquat 1246
harvest index 1939, 4997
seasonal variation 3334
harvesting, harvesting date 4209, 4997
herbicides
chloramben 583
chlorthal-dimethyl 583
diphenamid 583
fluazifop 583
metolachlor 1219
metribuzin 1219
napropamide 583
hydroponics 5840
in vitro culture
cryopreservation 1248, 1941
culture media 3332, 6791-6792
explants 6791
growth regulators 589, 3332-3333, 6791-6792
metabolism, flavonoids 3332
regeneration 589, 1942, 3333, 6791-6792
somatic embryogenesis 6792
insecticides
carbofuran 585
triazophos 584
intercropping, *Dioscorea rotundata* 591
irrigation 2070, 4208
growth stages 4993-4994
leaf area index 4997
leaves
composition
cerebrosides 6119
chymotrypsin inhibitors 1940
elements 4216
minerals 4207
oxalic acid 1940
phytic acid 1940
sphingolipids 6119
tannins 1940
trypsin inhibitors 1940
enzymes 1937, 4998
removal 2561
stomatal resistance 6790
water content 4426, 4998
water potential 4426
metabolism
ascorbic acid 1800
chlorophyll 1800
ipomeamarone 5846
lipids 1800

Sweet potatoes *cont.*
metabolism *cont.*
phosphorylation 1243
phytoalexins 5846
mineral nutrition 1245, 4207
aluminium, toxicity, tolerance 4218
calcium, deficiency, tolerance 4218
deficiency 4215
foliar diagnosis 4216
manganese, deficiency 4236
phosphorus, deficiency 4217
sulfur, deficiency 4217
toxicity 4215
foliar diagnosis 4216
mineral uptake, phosphorus 1243
mulches
plastic film 580
rice straw 4994
straw 4993
multiple cropping 7798
pests
Cylas formicarius 584-585, 4209, 4997
Euscepes postfasciatus 1936, 9340
petioles, enzymes 6789
photosynthesis, diurnal variation 6790
plant competition, weeds 591
planting date 3329
planting stock 3333
production 5840
treatment
growth regulators 4991
soaking 4991
relative humidity 2563
respiration 1243-1244
roots
composition, sugars 5844
growth regulators 4219
rotations 4214
Paspalum notatum 6787
soyabeans 6787
sweetcorn 6787
salinity 4215
seedlings, hardening 5840
soil, phosphorus 5845
soil amendments
charcoal 1241
chitosan 6103
gypsum 4213
lime 4213
soil solarization 583
soil types 4212, 4217
Fiji 4207
Papua New Guinea 4206
spacing 580, 5841, 6788
stems
enzymes 6789
water content 4426
water potential 4426
storage
clamps 590
deterioration 1800
relative humidity 5843, 5846
temperature 5843, 5846
underground storage 590
techniques, hydroponics 4210
temperature 3329
transpiration, antitranspirants 4993
transplanting, date 4992
tubers
ascorbic acid 588
composition
amino acids 1247, 7653
anthocyanins 3331
carotenes 5842
carotenoids 1247
dry matter 2562
elements 4213, 5860
hexoses 3330
nitrogen 7653
phenols 8463
protein 2562
proteins 586, 5842, 7653
starch 586-587, 2562, 5842
sugars 586, 1247, 2562, 5842
damage 5843, 5846
dry matter 588
enzymes 1937, 3330
growth 1939
relative humidity 2563
growth rate 4993

Sweet potatoes *cont.*
tubers *cont.*
growth regulators 4219, 8665
maturity stage 8462
metabolism 5846
mitochondria, enzymes 1244
respiration 5843
size 4993
starch 588
storage
disorders, reviews 2569
reviews 2570
stress 8463
sugars 588
vitamins 588
vegetative propagation, cuttings 4995
water stress 4211
weather 3334
weed control, cultivation 1219
weeds
Amaranthus retroflexus 1219
Ambrosia artemisiifolia 1219
Brachiaria platyphylla 1219
Brassica nigra 1219
Chenopodium album 583
Cuscuta reflexa 6789
Eleusine indica 583, 1219
Lamium amplexicaule 1219
Panicum dichotomiflorum 1219
parasitic weeds 6789
Sida spinosa 1219
wind 4426
yield components 9338
Sweet sorghum
fertilizers, sewage sludge 2058
production possibilities, reclaimed soils 2058
soil types 2058
Sweetcorn (*see also* Maize)
carbon dioxide enrichment 6696
climatic change 306
cold injury 6696
companion crops
rye 2274
Vicia villosa 2274
wheat 2274
cultivars
Argentina 197
JiTian-3 235
ears, composition, nitrogen 3811
enzymes
amylases 8099
sucrose synthase 8099
farming systems, organic farming 6134
fertilizers
biogas slurry 3811
factory effluents 3811
nitrogen 964, 6343
application date 4643-4645
foliar application 4644
requirements 8360
sources 3811
organic fertilizers 3811
phosphorus
sources 8960
use efficiency 8960
potassium 964
application date 4645
rice straw 3811
grain
composition
ascorbic acid 4645
copper 751
dry matter 4644
glycogen 5495
molybdenum 751
nitrogen 4644-4645
phosphorus 4644
potassium 4644
sugars 4644
zinc 751
enzymes 8099
filling 6410
metabolism
proteins 8099
starch 8099
sugars 8099
green manures
Acacia mangium 8960
Cassia siamea 8960
Gliricidia sepium 8960

Sweetcorn *cont.*
green manures *cont.*
Leucaena leucocephala 8960
Vigna unguiculata 8961
harvesting, harvesting date 4644
herbicides
atrazine 2274
metolachlor 2274
nicosulfuron 3812
toxicity 3812
intercropping, groundnuts 2273
leaf area index 3809
leaves
composition
nitrogen 4645
potassium 4645
turgor 6696
water content 6696
water potential 6696
metabolism
glutathione 5494
herbicides 5494
mineral nutrition
nitrogen 964
determination 8360
potassium 964
mineral uptake, phosphorus 8960
mulches, plastic film 2957
photosynthesis
carbon dioxide 6696
chilling 6696
net assimilation rate 3809
plant density 6343
salinity 964
seeds, development 6410
soil amendments
chitosan 6103
lime 8961
sowing date 2957, 3809, 4642
spacing 3810
temperature 6696
transpiration 964, 6696
transplanting, comparisons, direct sowing 2957
tunnels 4642
water stress
carbon dioxide 6696
chilling 6696
water use efficiency 964
weed control
companion crops 2274
cultural control 2274
Switzerland
Hibiscus cannabinus, cultivars 9372
peas, cultivars 2407
potatoes, cultivars 7635
Vicia faba, cultivars 5734
Syria, potatoes, seed tubers, production 2517
Taiwan
land use 9058
reports
Food and Fertilizer Technology Center for the Asian and Pacific Region 7046
Institute of Botany, Academia Sinica 3551, 7047
Taiwan Sugar Research Institute 7041, 9565
Tanias (*see Xanthosoma)*
Tanzania
Pennisetum glaucum, cultivars 3036, 3059
sorghum, cultivars 3036
Taro (*see Colocasia esculenta)*
Taxonomy
books 8706-8707
Lens 1179
potatoes 1239
Techniques
acid base equilibrium, regulation 4578
anaerobiosis 4428
barley, roots, composition, adenosine phosphates, isolation 2226
biomass, estimation, rye 7168
carbon dioxide enrichment, determination 3073
cell walls
enzymes, determination 7759
phenolic compounds, determination 2803

Techniques *cont.*
cells
cell membranes
ion transport 6994-6995
plasmodesmata, electrical properties, measurement 223
cell walls
composition, analysis 8669
ultrastructure, analysis 8669
composition, aluminium, determination 3436
plasma membranes
ion transport, measurement 1126
proteins, determination 3515
chemical analysis, leaves, tobacco 6008
chemical composition
alcohols, determination 2643
aluminium, determination 8270
anthocyanidins, isolation 3722
anthocyanins, determination 6396
ascorbic acid, determination 2433
cadmium, determination 1532
carbon, determination 2099
copper 308
dry matter, determination 4167
elements, localization 7440
fatty acids, determination, *Euphorbia lagascae* 1324
heat shock proteins, determination 1413
herbicide residues, determination 1660
isoprenoids, determination 2643
lead, determination 1532
lignin, determination 3768
nitrate, determination 5836
nitrates, determination 2531
nitrogen, determination 2099, 2934, 4167
oligosaccharides, determination 1410
phthalates, determination 4416
platinum, determination 7844
potassium, determination 1310, 3296, 5836
sodium, determination 3296
sucrose
determination 1410
sugarcane 6061
sugars, determination 4167
sulfur, determination 2086, 2099
thallium, determination 1532
drought resistance
determination 3869
soyabeans 4009
enzymes
amylases, determination 5325
cofactors, determination 7206
nitrate reductase, determination 7206
oxidoreductases, determination 2865
phosphoenolpyruvate carboxylase, purification, maize 3771
ribulose-bisphosphate carboxylase, determination 4355
evapotranspiration
estimation 3166, 7304
sugarcane 4356
measurement 2348
fertilizers
nitrogen
cotton 6853
requirements
determination 1606-1607, 2073, 3737, 4506
rice 254
trace elements, requirements, determination 4483
fibres, sampling, cotton 5048
frost, forecasting 4012
frost injury 4858
frost resistance, determination 81
gas exchange, measurement 1419
grain
composition
ash
determination 5414
estimation 5415
β-glucan
determination 5414
estimation 5415
lysine, determination 3926

Techniques *cont.*
grain *cont.*
composition *cont.*
proteins
determination 5414, 8866
estimation 5415
starch
determination 5414
estimation 5415
sugars, analysis, wheat 7967
moisture content, determination 8866
growth, estimation, rice 9029
growth analysis 1402
growth chambers
environmental control 2699-2700
temperature 2699-2700
growth regulators
analysis 1339
ethylene, detection 7307
harvesting date, determination, maize 3734
heat resistance, determination 3869
herbicides, residues, determination 7418
hydroponics, sterilizing 3051
image processing 7873
in vitro culture 2090, 3333
enzymes, determination 2647
growth, determination 708
tobacco 2027
irradiation, ultraviolet radiation, reviews 5224
irrigation, irrigation scheduling 1900
leaf area, measurement 7650
leaf area index, determination 5566
leaves
canopy, measurement 1420
composition
amino acids, determination 4523
carotenoids, extraction 1773
cellulose, determination 8588
chlorophyll
determination 1710, 2085, 2682
estimation 1710
extraction 1773
elements, tobacco 6934
nicotine
determination 8588
tobacco 6934
nitrogen, determination 4523
organic acids, determination 8588
sugars, determination 8588
leaf area, estimation 3328, 8686
lodging, tolerance, measurement 8178
microscopy 961, 2194
reviews 9548
mineral nutrition
aluminium, toxicity, determination 3218
boron, determination 6891
foliar diagnosis
barley 3705
rice 1695
nitrogen 464
cotton 6853
determination 1922, 4507, 8360
foliar diagnosis 1922, 2682, 4610, 5836
toxicity, determination 997
phosphorus, determination 1389, 5583
potassium, foliar diagnosis 5836
mineral uptake
determination 2991
nitrogen, determination 4510
phosphorus
determination 6106
wheat 2787
reviews 6106
nitrogen fixation
estimation 455, 1141, 7507, 7579
measurement, soyabeans 4019
photosynthesis
determination 1757
estimation, rice 3839
gas exchange 7865
measurement 2189
measurement 4408
mycorrhizas, maize 8094
photosystem I, analysis 6368
photosystem II, analysis 6368

Techniques *cont.*
plant composition, glutathione, determination 7151
plant height, prediction, cotton 5037
plant morphology, image processing 3531
plant nutrition, iron 4388
plant physiology, monitoring 4435
pollen, protoplasts, isolation 691
protoplasts, staining 8384
remote sensing 7030-7031
respiration
determination 6230
measurement 4408
sugarcane 6052
root exudates, determination 7826
root nodules
composition, leghaemoglobin, estimation 6596
ultrastructure
Lupinus albus 7591
Phaseolus vulgaris 7591
root systems, analysis 8366
roots
cell walls, diffusion 415
depth, estimation, rice 1711
growth
measurement 4436
potatoes 2535
statistical analysis 70
waterlogging 9252
length, measurement 7584
mechanical properties, measurement 8178
salinity 6916
salt tolerance, determination 7981
seed quality, assessment 8096
seed testing 5682
seed tubers, treatment, electric field 4929
seedlings
production, rice 4658
quality, assessment 8096
seeds
composition
analysis, rape 8548
ash, estimation 5415
DNA, determination, groundnuts 4041
fatty acids, determination 7691
β-glucan, estimation 5415
glucosinolates, estimation 5112
lysine, determination 3926
oils, determination 7691, 7747
proteins
determination 3786, 4835
estimation 5415
starch, estimation 5415
sucrose, determination 1116
tocopherols, determination 9410
trypsin inhibitors, determination 1816
zein, determination 3786
dormancy, research 2689
embryo sac, isolation 7764
lipid bodies, purification 8576
moisture content, determination 8684
number, determination 1812
separation, rape 2631
viability 4835, 5743
weight, estimation 5988
soil
trace elements
requirements, determination 4483
wheat 3629
soil water content, estimation 7306
spectral analysis 3530
stems
composition, lignin, determination 8806
lignification, maize 8064
volume, estimation, sugarcane 3465
storage, deterioration 1800
straw, composition, lignin, determination 8806
translocation
growth regulators, estimation 1274
measurement 4408
nitrogen 464
transpiration
estimation 3152
measurement 2272

Techniques *cont.*
tubers
composition
glucose
determination 564
potatoes 2553
glycoalkaloids, determination 6779
sucrose, determination, potatoes 2553
maturity, determination 2553
water relations 4401
water transfer, measurement 4277
water uptake, measurement 741
water use
estimation 7304
measurement, groundnuts 3158
waterlogging, simulation 7989
weed control, estimation 1854
yield components, estimation 9001
yields
estimation 6537, 8609
cotton 5076
rice 9057
mapping 1535, 2100-2101
sugarcane 6069
Temperature
heat sums 6105
Canada 1428
mapping 1428
models 6135
USA 1428
Poland 2713
reviews 5218
Teosinte (*see Zea diploperennis; Zea mexicana)*
Thesauri
agriculture 3561
farming systems, sustainability 3561
Tobacco
air pollution
carbon dioxide 7878
ozone 2030, 2648, 3440-3442, 7763
protectants 2648, 3441-3442, 7763
carbon dioxide enrichment 6012, 9436
models 7878
cells
accumulation, calcium 5151
caffeine 5150
cell division 5143
growth regulators 686
cell membranes 5150
electric potential 1337
proteins 2029, 3435
salinity 2029
ultrastructure 2029
cell walls
composition
carbohydrates 958
proteins 9228
enzymes 685, 7759
metabolism 8583
composition
aluminium 3436
glucosides 6932
xyloglucans 8589
enzymes 689
growth regulators 1332
metabolic inhibitors 689
metabolism 689, 6002
microfilaments 6938
microtubules 4340, 6938
proteins 688
peroxisomes, proteins 5149
plasma membranes 1332
proton pump 6005
translocation, proteins 3437
vacuoles, translocation, proteins 689, 8590
chemical composition
alcohols 2643
alkaloids 4328, 8592
ash 4328
isoprenoids 2643
malonaldehyde 684
manganese 6929
nitrogen 7749
polysaccharides 5148
proteins 684
sugars 4328, 8592
Tobacco *cont.*
chlorophyll, fluorescence 1340, 3432, 5154, 7753
chloroplasts
enzymes 2022
growth regulators 1112
climatic change, models 7878
cold hardening 5219
cultivars, CU263 6000
cultivation, subsoiling 6929
curing, temperature 5992
defence mechanisms 6002, 7754, 7761
diseases
Phytophthora nicotianae 7754
Rhodococcus fascians 6001
tobacco mosaic tobamovirus 2637, 8579
enzymes
acid phosphatase 2645
adenosinetriphosphatase 1331, 8584
adenylate kinase 6003
aldehyde-lyases 7752
alkyl (aryl) transferases, tobacco 5143
carbonate dehydratase 2022
catalase 3439, 5142
catechol oxidase 4336
chitinase 2640, 5141
DNA polymerase 3433
β-fructofuranosidase 685
fructose-bisphosphatase 3442
β-glucuronidase 9436
glutamate-ammonia ligase 8586
glutamate synthase 8586
glutathione reductase (NAD(P)H) 3441
glycosyltransferases 7760
hydrolases 1333
inhibitors 685, 6110
kinases 686
inhibitors 689
laccase 4336
lipoxygenase 684
lyases 5141
nitrate reductase 8586, 9436
nitrite reductase 8586
nucleases 8579
oxidoreductases 2025, 5139, 7758
peroxidases 3434, 3439, 3441, 7759, 7763, 9461
phosphodiesterase I 2647
phosphoenolpyruvate carboxykinase 1329
phosphoric monoester hydrolases 686, 2647
protein kinase 5144
proteinases 2028, 2645
ribulose-bisphosphate carboxylase 4334, 6110, 7763, 8585
superoxide dismutase 683-684, 3439, 3441, 7755, 7757
fertilizers
ash 5999
cattle manure 3431
copper 6930
crop residues 5999
farmyard manure 5999
groundnut oilmeal 3431
molybdenum 6930
nitrogen 3430, 5138, 5990, 5993, 5995-5998, 6038, 7749
application date 3429, 5994
application methods 4329, 7750
sources 3428-3429, 6930
use efficiency 7750
NPK fertilizers 3431, 5991
application methods 6929
organic fertilizers 3430-3431
phosphorus 5997, 6038
potassium 5998
application methods 4330
poultry manure 3430
rice husks 5999
flowers
anthers, growth regulators 4338
gynoecium
composition
calcium 6937
proteins 4339
growth regulators 4338
frost resistance 5219
Tobacco *cont.*
gene expression
carbon dioxide enrichment 9436
diseases 7754
fungal elicitors 5141
growth regulators 3458, 5144, 7757
herbicides 7757
mineral nutrition 7755
gravity 9435
green manures
Casuarina 5999
Crotalaria juncea 3430, 5999
growth regulators
abscisic acid 692, 2029, 2641, 6004, 7757
ACC 7757
analysis 1339
auxins 2692, 4337
benzyladenine 686, 1330, 2028, 6004, 6010
binding sites 1333
betaine 8578
brassinosteroids 681
cytokinins 686, 4337-4338, 5146, 6004, 6006
binding sites 1112
2,4-D 6005
ethylene 5144-5145, 7754
flurprimidol 5099
gibberellins 6004, 7757
growth inhibitors 5099
IAA 1331, 2028, 3458, 5145, 6004-6006, 7757
isopentenyladenine 5146
isopentenyladenosine 5146
jasmonic acid 1330, 7754, 7761, 7840
kinetin 686, 7757
methyl jasmonate 7761, 7840
NAA 686, 5145, 6004, 6010
binding sites 1332
polyamines 2028
quinones 8591
salicylic acid 1330, 5142, 7754
binding sites 6933
harvesting, harvesting date 4328
herbicides
dimethenamid 7751
diuron 7753
glyphosate 1326, 5228
imazaquin 1326
inorganic acids 7752
norflurazon 7757
paraquat 7757
pendimethalin 7751
quizalofop 7751
toxicity 5228
in vitro culture
acclimatization 2641
benzene 6011
carbon dioxide enrichment 2027, 6012
cell division 690, 5146, 6938
cold shock 687
composition
aluminium 3436
calcium 5152
cryopreservation 6121
culture media 2645, 3438, 5151, 6004, 6011-6012
embryogenesis 687
enzymes 2028, 2640, 2645, 5139, 5141, 7758, 7760, 9461
determination 2647
explants 2028
fungal elicitors 5141, 7761
growth regulators 2028, 2641, 5099, 5146, 6004-6005, 6010, 7761
metabolism 2024, 3438, 5141, 7762, 8582
amino acids 2026
calcium 5152
pigments 4335
proteins 2026, 2645
starch 2026
tobacco 6939
micropropagation 3517
mineral nutrition
aluminium, tolerance 2023
phosphorus, deficiency 2023
organogenesis 2028, 5153, 6010

Tobacco *cont.*
in vitro culture *cont.*
osmoregulation 5152
phenol 6011
pollen 8591
proteins 6009
protoplasts 3438, 6010, 9435
pyrocatechol 6011
quinones 8591
regeneration 2026, 2646, 6004
respiration 4332, 5139, 5153
salinity 7449, 7762, 9461
tobacco 6939
space science 9435
protoplast culture 1336
techniques 2027
temperature 7762
ultrastructure 6010
insecticides, phorate 6931
intercropping
barley 680
Lens culinaris 7748
irrigation 5138
furrow irrigation 5991
irrigation scheduling 8577
trickle irrigation 5991
Kenya 4326
labour requirements 4327
leaves
cells, electric potential 3441
composition
ammonium 1335
aromatic compounds 6935
cadmium 7021
carbohydrates 4330
cellulose, determination 8588
chloride 3430, 5994
chlorophyll, determination 2682
copper 7021
elements 2642, 6008
determination 6934
heavy metals 6930, 6936
lead 7021
leaf age 6007
nicotine 3430, 5990-5991, 5993-5995
determination 6934, 8588
nitrate 1335
nitrite 1335
nitrogen 1338, 3430-3431, 5993-5995, 5998, 6936
organic acids, determination 8588
pesticide residues, determination 5155
phosphorus 1338
pigments 4335
polypeptides 1329
potassium 1338, 5994, 5998, 7756
proteins 5219, 5993-5994, 6933
reducing sugars 5990-5991
silicon 9196
starch 1334
sucrose 8580
sugars 3430
determination 8588
trace elements 6930
zinc 7021
development 4337
enzymes 683, 1329, 1331, 1333, 2025, 3439, 3442, 7757, 8579
epinasty 5145
fluorescence 7753
growth regulators 692, 1331, 1333
light 1329
metabolism 5145, 5219, 6001, 8579
necrosis 2021
plasma membranes 1331
quality 3428, 3430, 4329-4330, 6930
leaf age 6007
stomatal resistance 2641, 3439
uptake, herbicides 7753
water content 3439
water potential 3439
light, intermittent light 8581
metabolic inhibitors, brefeldin A 2644
metabolic regulators 2692
calcium 5152
metabolism 6002
alcohols 2024
amino acids 2026
chlorophyll 3438, 6939

Tobacco *cont.*
metabolism *cont.*
coumaric acids 8583
ethylene 5145
free radicals 8587
growth regulators 6006
heat shock proteins 7762
lignin 8583
lipids 2021
nitrogen 8586
nucleic acids 8579
peroxidation 2021
phenolic compounds 6001
phospholipids 689
phosphorylation 7762
phytoalexins 2021, 5141
polyamines 7762
polypeptides 7762
proline 7762
proteins 2026, 2645, 3438, 5219, 8582
quinones 2025
starch 2026, 6939
sucrose 8580
sugars 6939
mineral nutrition
calcium 1337
iron, deficiency 7755
nitrogen
deficiency 4334
foliar diagnosis 2682
potassium
deficiency 7756
foliar diagnosis 7756
mineral uptake
cadmium 7021
copper 7021
lead 7021
molybdenum 1066
phosphorus 3431
potassium 3431
zinc 7021
mitochondria, enzymes 3433
mycorrhizas, *Gigaspora margarita* 958
mycotoxins 8587
pests
Bemisia tabaci 6931
Globodera tabacum tabacum 1327
photosynthesis
air pollution 3442, 7763
carbon pathways 682
cytochromes 5140
electron transfer 3432, 8581
gas exchange 682, 2022, 3442, 4333
isotope fractionation 2022
mineral nutrition 4334
mutagens 4333
photoinhibition 2638-2639, 5140
photosystem II 2639, 3432, 5140, 8581
source sink relations 4334
sucrose 8580
temperature 2639
water stress 692
waterlogging 3439
plant competition, weeds 4331
plant density 680
plant height, models 2703
pollen
composition, proteins 2637
development 687
morphology 2637
protoplasts, isolation 691
pollen germination 8591
growth regulators 4338
inhibitors 1328
pollen tubes
growth 2644, 8591
metabolic inhibitors 2644
microtubules 5147
mitosis 5147
proteins 5147
translocation, pectins 1328
ultrastructure 2644
pollution
cadmium 7021
copper 7021
lead 7021
zinc 7021

Tobacco *cont.*
protoplasts
composition
chlorophyll 3438
proteins 3438
heat shock 2092
respiration 4332, 5139
photorespiration 2638, 8586
roots, root tips, cell division 690
rotations, rice 6007, 6038
salinity 1337, 2029, 5999, 6939, 7762
salt tolerance 1337, 7449, 7762
seed treatment
coatings 9434
humic acids 3699
seedlings
development, seed treatment 9434
production 1325, 5999
seeds
embryo sac, isolation 7764
germination
growth regulators 5099
maturity stage 9522
seed treatment 3699
maturation 9522
viability 9522
vigour 9522
soil, molybdenum 1066
soil amendments, hydrophilic polymers 5999
soil fertility 8592
soil pH 1338
space science 9435
spacing 4327, 5990
stems, internodes, development 2646
temperature 6935, 7762
thylakoids, mycotoxins 8587
topping 4328
translocation
growth regulators 4337
potassium 7756
transpiration, waterlogging 3439
transplanting, date 5137
uptake, sucrose 8580
water relations 6935
water stress 692, 5154
waterlogging 3439
weed control
cultural control 1326
manual weed control 1326
weeds, *Orobanche cernua*, control 1326
xylem, enzymes 4336
Translocation 5212
measurement, techniques 4408
minerals, reviews 735, 9511
nucleic acids, reviews 9509
pesticides, models 2077
phloem loading, reviews 2676
photosynthates 7823
reviews 731-735, 2676
proteins, reviews 9509
source sink relations 736
reviews 139, 734-735, 9510
sucrose, reviews 733
Transpiration
carbon dioxide, reviews 9561
growth regulators 6116
models 5208
Trigonella foenum-graecum
chemical composition
calcium 2474
chloride 2474
DNA 2475
magnesium 2474
minerals 5800
nitrogen 2475
phosphorus 2474
potassium 2474
proline 2475
protein 2475
RNA 2475
sodium 2474
cultivars
India
Gujarat 473
Haryana 2473
enzymes
galactosidases 1186
mannosidases 1186
fertilizers
nitrogen 1185, 2473, 4140

Trigonella foenum-graecum cont.
fertilizers *cont.*
phosphorus 1185, 4140
potassium 1185
growth regulators, gibberellins 2474-2475
harvesting, harvesting frequency 2473
intercropping
safflower 1871
sugarcane 1344
metabolism
fatty acids 1186
jasmonic acid 1186
salinity 2474-2475
seed treatment, growth regulators 2474-2475
seeds
anatomy 2481
composition, diosgenin 4139-4140
development 2473, 7595
endosperm, enzymes 1186
germination, maturity stage 7595
maturation 7595
metabolism
fatty acids 1186
jasmonic acid 1186
moisture content 7595
testas 2481
sowing date 4139
spacing 4139
water stress 2474-2475

Triticale
air pollution, acid rain 5612
biomass production 6294, 9085
carbon dioxide enrichment 730
catch crops 3474, 6985
cells, ribosomes 7177
chemical composition 6292
calcium 1548
magnesium 1548
manganese 1548
rubidium 6547
zinc 1548, 6548
cold resistance, sowing date 8210
companion crops 3473
crop husbandry, Belgium 7170
crop management, Kenya, reviews 9086
crop production
Algeria 7171
Germany 5373
Morocco 7169
cultivars 3694, 6292, 6299, 6985
Belgium 7170
Bulgaria 114-115
Denmark 8638
genotype environment interaction 3608
India, Indian Punjab 5382
Italy 6298, 6311
Morocco 2841
Portugal 5383
Spain 5384
Turkey 8846
UK 9088
USA, Georgia 1743
AC Copia 116
Lamb-2 5385
cultivation
depth 3698
minimum tillage 6299
no-tillage 764
ploughing 764
cutting 867, 2840, 5379, 6294, 7172-7173, 7175
cutting date 6295
drought resistance 7169, 7179
dry matter accumulation 1546, 6294, 7397
enzymes
amylases 7176
nitrate reductase 1510
phosphoenolpyruvate carboxylase 1528
ribulose-bisphosphate carboxylase 730, 1528
equipment, threshing drums 2198
fertilizers
boron, foliar application 6297
composts 7817
farmyard manure 3487, 3695
manganese, foliar application 6297
molybdenum, foliar application 6297

Triticale *cont.*
fertilizers *cont.*
nitrogen 1510, 1546, 1742, 2841, 3929, 4554, 5380-5381, 6296, 6299, 6985, 7170
economics 3697
foliar application 6297
NPK fertilizers 3487
phosphorus 818, 1510, 2841, 3929, 6296
requirements 3487
zinc 6548
frost resistance 7179
cultivars 5612
sowing date 8210
fungicides 7170
grain
composition
cadmium 3473
copper 3473
elements 6300
gluten 7176
lead 3473
lysine, determination, techniques 3926
nickel 3473
phosphorus 8848
phytic acid 8848
proteins 1742, 6295-6296
zinc 3473
enzymes 7176
ethanol production 1742
filling 6294
moisture content 9090
morphology 9090
quality
baking quality 6292
milling quality 4555
ripening 7177
ultrastructure 4555
growth, growth rate 7397
growth analysis 6294
growth regulators 3695, 7170
benzyladenine 1528
2,4-D 7178
ethephon 6297
IAA 7178
kinetin 7178
thidiazuron 1528
harvesting
harvesting losses 2198, 3067
machinery 3067
heat resistance 7179
herbicides 7170
chlorotoluron 1547, 8847
chlorsulfuron 1547, 8847
dicamba 1547
dichlorprop 1547
diflufenican 1547
flurenol 1547
fluroxypyr 1547
isoproturon 1547, 8847
isoxaben 8847
linuron 1547
MCPA 1547
methabenzthiazuron 1547
metsulfuron 1547
residual effects 3698
simazine 3698
terbutryn 1547
triasulfuron 1547
in vitro culture
embryogenesis 7178
growth regulators 7178
regeneration 5389
intercropping, *Lathyrus sativus* 9272
irrigation
factory effluents 7803
sprinkler irrigation 6293
leaf area index 6294
leaves
canopy 7397
composition, elements 6300
enzymes 730, 1528
stomata 2842
stomatal resistance, mineral nutrition 1548
light 2843
interception 7397
metabolism, carbohydrates 2363

Triticale *cont.*
mineral nutrition
aluminium 1548, 5387, 5609
toxicity 5386
calcium 5386
nitrogen 2363, 5380, 7997
phosphorus 5386
deficiency 5388
zinc, deficiency 6548
mineral uptake
nitrogen 2363
rubidium 6547
pesticides 3695
photosynthesis, mineral nutrition 1548
plant competition, weeds 764
plant development, models 2196
pollution, lead 7174
root shoot ratio 2843
roots
depth 69, 2840
distribution 2840
growth 69
length 69
rotations
barley 3695
Lupinus luteus 3697
oats 3697
peas 3695
potatoes 3695
rye 3697
salinity 2181
seed production 4554
seed treatment, fungicides 3919
seeds
aging 9532
cells, ribosomes 9532
composition
lysine, determination, techniques 3926
phosphorus 8848
phytic acid 8848
proteins 8846
embryos 7177
enzymes 1528
germination
herbicides 8847
salinity 2181
seed treatment 3919
imbibition 2195
metabolism 2363
preharvest sprouting 7177
ripening 7177
water relations 2195
soil
magnesium 6300
nitrogen 6300
phosphorus 5388, 6300
potassium 6300
trace elements 6300
soil amendments
brown coal 7174
composts 7174
lime 7174
soil compaction 2197
soil density 2197
soil pH 3929, 6300, 6547
soil water content 2197
sowing date 67, 866-867, 1546, 6299, 7172, 8210
sowing methods 3487, 3696
sowing rates 3696, 4554, 6299
spacing 3696
spikelets, development 7175
spikes, initiation 67
straw
composition
cadmium 3473
copper 3473
lead 3473
nickel 3473
zinc 3473
temperature 67, 1528, 2843
heat sums 6295
water stress 7179
water use 2840
weather 328
weed control, cultivation 764
winter kill
cultivars 5612
sowing date 8210
yield components 114, 7173, 8846

Triticale *cont.*
yield components *cont.*
cultivars 328
yields
Australia 4449
stability 5306
Triticum
chemical composition 7887
crop husbandry 7887
crop production 7887
ecology 7887
growth 7887
taxonomy 7887
Triticum aestivum (*see* Wheat)
Triticum dicoccum
chemical composition
proline 5345
sugars 5345
cultivars
Italy 6221
Lucanica 7928
fertilizers
nitrogen 4477
phosphorus 4477
potassium 4477
irrigation 4477
taxonomy 7150
water stress 5345
Triticum durum
air pollution
fluorine 2824
ozone 2822
callus, composition, lectins 75
catch crops, maize 1588
chemical composition
proline 5345
proteins 1046
sugars 5345
zinc 2782, 6548
chlorophyll, fluorescence 59, 7977, 8775
crop production, Germany 4521
cultivars 28
Brazil, São Paulo 5307
Chile 26
genotype environment interaction 3608, 4489
Hungary 2753
Italy 2140-2141, 3607, 6209-6220, 7927
Romania 7075
Russia 5304
Spain 25
UK 9088
Munich 6224
Seymareh 7097
cultivation
crop residues, incorporation 1801
minimum tillage 1801, 7900
diseases
barley yellow dwarf luteovirus 26
Gibberella zeae 4498
Puccinia recondita 26
drought resistance 59
cultivars 5345
enzymes
amylases 2156
glucose-6-phosphate dehydrogenase 66
glutathione reductase (NAD(P)H) 2783
lyases 3634
nitrate reductase 1046
oxidoreductases 66, 8787
peroxidases 2783, 3631, 8787
phenylalanine ammonia-lyase 3631, 3634
phosphogluconate dehydrogenase 66
proteinases 61
superoxide dismutase 8773
evapotranspiration 5354, 7978
fertilizers
nitrogen 3681, 7075, 8803
application date 5286
use efficiency 8751
NPK fertilizers, application methods 73
phosphorus 8751, 8803
potassium 8751
zinc 6548
application methods 6186
foliar application 6186

Triticum durum *cont.*
field experimentation, experimental design 4541
fungicides 7075
grain
accumulation, cadmium 5337
composition
cadmium 58, 7016
carotenoids 5336
gluten 25
growth regulators 73
lectins 75
nitrogen 5286, 8803
organic acids 3634
phenolic acids 3631
phosphorus 8803
pigments 25
proteins 25, 28, 5336, 6265, 7075, 8751
starch 2156
sugars 2156
zinc 6186
development 3634
enzymes 2156, 3631, 3634
filling 28
temperature 6265
metabolism 2156, 3634
growth regulators 73
phenolic acids 3631
physical properties 5336
quality 25, 3568, 3607, 5336, 6265
baking quality 5286
processing quality 2141
size 28
growth
growth rate 1513
models 6078
growth analysis 1513
growth regulators
abscisic acid 66, 73, 7977
chlormequat 2753
cytokinins 73, 5354, 7978
ethephon 2753
gibberellins 66
uniconazole 66
zeatin 5354, 7978
heat shock 6265
heat stress 6265, 7135
herbicides
chlorsulfuron 7104-7106
nontarget effects 7104
in vitro culture
culture media 2175
organogenesis, cultivars 75
regeneration 2175, 6258
somatic embryogenesis 2175
intercropping, peas 4463
irrigation
irrigation scheduling 6978
saline water 6173, 6269
leaf area index 1513
leaves
composition
chloride 2184
chlorophyll 2783
growth regulators 73
sodium 2184
zinc 8773
enzymes 1046
leaf age 2184
metabolism, growth regulators 73
stomata 2807
stomatal resistance 2184
uptake, ammonia 8776
water potential 2783
lodging 2753
maturity stage 28
metabolism
antioxidants 7135
ascorbic acid 8787
growth regulators 73
organic acids 3634
proteins 66
starch 2156
sugars 2156
mineral nutrition
aluminium, toxicity 5321
calcium 4533
copper, toxicity 59, 8775
iron, toxicity 5321
manganese, toxicity 5321

Triticum durum *cont.*
mineral nutrition *cont.*
nickel, toxicity 2783
zinc 4498
deficiency 2782, 6548, 7105-7106, 7946, 8773
foliar diagnosis 2782
mineral uptake
cadmium 58
nitrogen 1046, 3681, 8803
phosphorus 8803
trace elements 7105
zinc 7104, 7106, 7946
mitochondria
irradiation, lasers 2155
metabolism, ATP 2155
photosynthesis
air pollution 2822
carbon pathways 7977
mineral nutrition 59
salinity 2184
temperature 7135, 7977
plant height 2753
pollen germination 8802
pollen tubes, growth 8802
precipitation 7979
root exudates
organic acids 7123
siderophores 2782
roots
cell membranes, composition 7946
composition, lectins 75
depth 69
enzymes 1046
growth 69, 7105
length 69
metabolism, polypeptides 7946
rotations
barley 4464
Medicago sativa 4464
models 6078
Trifolium alexandrinum 4464
salinity 2184, 4533, 7981
salt tolerance 2184, 6269
cultivars 7981
determination 7981
models 6173
seed quality 2830
seed testing 2830
vigour 95
seed treatment
irradiation 2830
zinc 6186
seedlings, composition, lectins 75
seeds
aging 95
composition
growth regulators 73
lectins 75
enzymes 3631
germination
enzymes 61, 66, 8787
growth regulators 66
metabolism 66, 842, 8787
proteins 61
seed treatment 2830
metabolism, growth regulators 73
vigour 95
weight 842
shoots, composition, zinc 6186
soil fertility 4464
soil inoculation, *Azotobacter chroococcum* 3681
soil types 28, 58
soil water content 1801
sowing date 3568
models 5273
sowing depth 3568
spikes
composition, growth regulators 73
gas exchange 872
metabolism, growth regulators 73
photosynthesis 872
temperature 28, 5354, 6265, 7135, 7977-7979
translocation
cadmium 58
calcium 4533
sodium 4533
zinc 7104
transpiration, salinity 2184

Triticum durum *cont.*
water stress 5345
models 5273, 7133
water use efficiency 6978
weed control
cultivation 7900
cultural control 4463
herbicides 7900
yield components 28
yield correlations 7979
yields, models 5273, 6078
Triticum monococcum, taxonomy 7150
Triticum spelta
comparisons 1740
crop husbandry 1740
cultivars 1740
Italy 6221
UK 9088
Forenza 7928
farming systems, organic farming 8714
grain
composition
amino acids 1740
proteins 1740
vitamins 1740
growth 1740
morphology 1740
production possibilities
Czech Republic 1740
reviews 1740
taxonomy 7150
Triticum turgidum, cultivars, Wollaroi 1475
Tritordeum
chemical composition, proteins 1046
enzymes, nitrate reductase 1046
leaves, enzymes 1046
mineral uptake, nitrogen 1046
roots, enzymes 1046
Tropisms, gravitropism, reviews 747, 8936-8937, 9391, 9527, 9535
Turkey
Cicer arietinum, cultivars 8401
maize, cultivars 8895
Phaseolus vulgaris, cultivars 3211
rape, cultivars 5104
sunflowers, cultivars 7701
triticale, cultivars 8846
Turnip rape (*see* Rape)
Turnips
alley cropping, *Eucalyptus* 8625
chemical composition
potassium 3296
sodium 3296
diseases, *Plasmodiophora brassicae* 7723
enzymes, peroxidases 9298
fertilizers
nitrogen 6755
phosphorus 6755
potassium 6755
leaves
composition, amino acids 4237
petioles, composition, glycoproteins 6756
remote sensing
crop damage 7723
growth stages 7723
roots
composition
amino acids 4237
ascorbic acid 6755
copper 751
molybdenum 751
polyamines 4925
zinc 751
enzymes 9298
seed production, planting stock 5817
seeds
composition, polyamines 4925
morphology 3297
shoots, composition, polyamines 4925
taxonomy 3297
UK
barley
cropping systems 6082
cultivars 9088
Camelina sativa, production possibilities 6080
Cannabis sativa, production possibilities 6080
land use, remote sensing 1423, 9550
UK *cont.*
Linum usitatissimum, production possibilities 6080
Lupinus albus
cultivars 1857
production possibilities 1857
maize, production possibilities 3806
oats, cultivars 9088
peas
cropping systems 6082
cultivars 5708
Phaseolus vulgaris, cultivars 5708
rape, cropping systems 6082
reports
Agricultural Research Institute of Northern Ireland 3549
Institute of Arable Crops Research 9564
John Innes Centre & Sainsbury Laboratory 9570
Morley Research Centre 2120, 9566
National Institute of Agricultural Botany 1433, 7045
Processors and Growers Research Organisation 3550
Sutton Bridge Experimental Unit 7042
rotations 6131
rye, cultivars 9088
Scotland
Cannabis sativa, production possibilities 5916
Linum usitatissimum, production possibilities 5916
Miscanthus, production possibilities 5916
Spartina, production possibilities 5916
sugarbeet, cultivars 3282
swedes, cultivars 8429
triticale, cultivars 9088
Triticum durum, cultivars 9088
Triticum spelta, cultivars 9088
wheat
crop husbandry 5259
cultivars 6161, 9088
Ukraine, potatoes, cultivars 7634
USA
agroforestry, reviews 3535
Arkansas
cotton, crop production 3545
maize, crop production 3545
oats, crop production 3545
reports, Arkansas Agricultural Statistics Service 3545
rice, crop production 3545
sorghum, crop production 3545
soyabeans, crop production 3545
wheat, crop production 3545
California, cotton, cultivars 6821
Colorado, farming systems, sustainability 4584
cotton
cultivars 6823
defoliation 5041
crop production 790
cropping systems 790
Florida, sugarcane, cultivars 4349
Georgia
barley, cultivars 1743
maize, cultivars 5448
oats, cultivars 1743
rape, cultivars 1993
rye, cultivars 1743
triticale, cultivars 1743
wheat, cultivars 1743
Great Plains states of USA, wheat, cultivars 6196
Kansas, maize, production possibilities 6339
Kentucky, soyabeans, cultivars 1060, 9100
Louisiana
cotton, cultivars 2572
rice, cultivars 9000
soyabeans, crop husbandry 6555
sugarcane, cultivars 3461
maize, climatic change 2269
Mississippi
cotton
crop husbandry 5023
USA *cont.*
Mississippi *cont.*
cotton *cont.*
cultivars 2576
Hibiscus cannabinus, crop husbandry 2598
New York, potatoes, cultivars 547
North Carolina, crop management 9475
Oklahoma, wheat, cultivars 6196
potatoes, climatic change 2552
reports
College of Agriculture and Life Sciences, North Carolina State University 2727
INTSORMIL 2723
Louisiana Agricultural Experiment Station 9569
University of Georgia, College of Agricultural and Environmental Sciences 2728
rice
crop husbandry 1662
Louisiana 4647
South Carolina
cotton, cultivars 6822
soyabeans, cultivars 7417
soyabeans, climatic change 2269
temperature, heat sums 1428
Texas, *Hibiscus cannabinus,* cultivars 4268
Washington, potatoes, cultivars 547
Vascular system, differentiation, reviews 744
Vegetative propagation, micropropagation, books 4458
Venezuela, sugarcane, cultivars 3452
Vernonia galamensis
production possibilities
Italy 9430
Mediterranean region 9430
seeds, composition, oils 9430
Vicia
chemical composition
amino acids 5193
nitrogen 5193
cultivars, Bulgaria 416
fertilizers
manures 9495
nitrogen 9495
phosphorus 9495
potassium 9495
nitrogen fixation 416
nodulation 416
roots
distribution 8715
length 8715
rotations 9495
seed treatment, magnetism 5193
Vicia benghalensis
fertilizers, nitrogen 4148
nitrogen fixation 4148
nodulation 4148
pH 4148
root inoculation, *Rhizobium leguminosarum* 4148
shoots, composition, nitrogen 4148
Vicia ervilia
cultivars, Bulgaria 474
fertilizers, nitrogen 4148
nitrogen fixation 4148
nodulation 4148
pH 4148
root inoculation, *Rhizobium leguminosarum* 4148
shoots, composition, nitrogen 4148
Vicia faba
air pollution
ozone 3204
radionuclides 4072
carbon dioxide enrichment 4073, 4842-4843
cells
cell division 4071
cell membranes, binding sites 477
cytoskeleton 8349
mitochondria
composition, lectins 6665
metabolism 6665
chemical composition
boron 9209
calcium 9209, 9275

Vicia faba cont.
chemical composition *cont.*
chromium 1417
lithium 2684
magnesium 9209, 9275
nitrogen 3198, 3563, 9209, 9275
phosphorus 9209, 9275
potassium 9209, 9275
strontium 1417
chloroplasts
chemiluminescence 1191
damage 3202
ultrastructure 3202
climatic change 4842
cold injury 1191
cold resistance 1191
companion crops 3473
cover crops
Lolium multiflorum 9204
Raphanus sativus var. *oleiformis* 9204
Sinapis alba 9204
cultivars 1802
China 2417
Denmark 6104, 8638
Iran 7503
Switzerland 5734
cultivation
crop residues, incorporation 1801
minimum tillage 1801, 3472
no-tillage 5730
ploughing 3472, 5730
diseases
Botrytis fabae 3563
Gibberella avenacea 5736
drought 6669
drought resistance, cultivars 4146-4147
dry matter accumulation 2666
energy relations 3539
enzymes
adenosinetriphosphatase 4549
carbonate dehydratase 7506
β-fructofuranosidase 1121, 3201
inhibitors 4549, 5205, 6666
nitrogenase 1125, 5732
oxidoreductases 3206, 5205, 8647
phosphoric monoester hydrolases 6666
protein kinase 4068, 4840, 5738, 6666
ribulose-bisphosphate carboxylase 1562
sucrose synthase 1121
superoxide dismutase 413
farming systems
energy relations 3539
integrated systems 3472
organic farming 3472, 3563
fertilizers
copper 5803
crop residues 5733
farmyard manure 3472
nitrogen 4148, 4837, 4899, 5289, 5390, 5731
application methods 5732
foliar application 5732
residual effects 4368
use efficiency 4066
NPK fertilizers 3472
phosphorus 1802, 5730, 8346-8347
use efficiency 4066
potassium 3205, 5732, 9206
use efficiency 4066
poultry manure 5731
sulfur 5731, 8346-8347
trace elements 6664
field experimentation
experimental design 5742, 9273
plot size 5742
grafting 5201
growth regulators
abscisic acid 414, 1122, 3202, 4840, 5738, 5741, 6666
auxins 5741
benzyladenine 1123
cytokinins 5741
2,4-D 1123
fluridone 3202
fusicoccin, binding sites 939
gibberellins 5741
IAA 1123, 5739, 6668

Vicia faba cont.
growth regulators *cont.*
thiamin 6975
guard cells, ion transport 6666
habit, determinate and indeterminate habit 4841
harvest index 1802, 8344
herbicides
diuron 7505
glyphosate 5735, 9207
imazethapyr 2465
linuron 3198
methabenzthiazuron 1125
simazine 3198
tolerance 2465
toxicity 5735
hypoxia 2421, 5740
in vitro culture
growth regulators 1123
salinity 1123
intercropping
barley 5390, 9204
Brassica nigra 8621
cereals 4836
Chloris gayana 4065
oats 8621, 9204
Panicum coloratum 4065
Phalaris aquatica 4065
radishes 4836
Sinapis alba 4836
wheat 3563
irradiation
gamma radiation 5741
ultraviolet radiation 4073, 4843
irrigation
irrigation requirements 4837
microirrigation 1120
leaves
anatomy 4843
cell membranes
electric potential 4067
ion transport 4067
cells, potassium 9217
composition
chlorophyll 4843
proline 4070
enzymes 7506, 8647
epidermis, cell membranes, ion transport 1126
guard cells
enzymes 5738
ion transport 4068
ion transport 2418
leaf diffusion resistance 7506
osmoregulation 2419
stomata 4843
guard cells 7506
damage 3202
microtubules 414
stomatal movement 414, 2419-2420, 4840, 6666-6667, 9211-9213
carbon dioxide 1124
light 1124
stomatal resistance 3204, 7506
turgor 2420
uptake, glutathione 2418
water potential 2420, 7506
light
absorption 4843
blue light 1122
transmission 4843
use efficiency 8344
light intensity 3202
metabolism
ascorbic acid 5205
growth regulators 5739
lactones 5205
lectins 6665
starch 1121, 3201
sucrose 1121, 6667
sugars 3201
mineral nutrition
boron, deficiency 3269, 9209
copper 5803
iodine 2681
lead, toxicity 412
lithium 2684
nitrogen 5733, 6659
deficiency 4842
phosphorus 5733
deficiency 4842

Vicia faba cont.
mineral nutrition *cont.*
potassium 5733, 9217
deficiency 4842
sodium 2684
sulfur 6659
zinc, deficiency 7506
mineral uptake
boron 9209
calcium 8346, 9206, 9209
chromium 1417
lithium 2684
magnesium 8346, 9206, 9209
nitrogen 2666, 6669, 8346, 9206, 9209-9210
phosphorus 6669, 8346, 9206, 9209
potassium 6669, 8346, 9206, 9209
sodium 9206
strontium 1417
sulfur 8346
nitrogen fixation 3206, 4148, 4368, 4836, 7507
fertilizers 3205, 5732
herbicides 1125, 3198
intercropping 9204
mineral nutrition 6659
water stress 3205
nodulation 4148, 4899, 6670-6671
fertilizers 3205, 5732
herbicides 3198
mineral nutrition 5803
water stress 3205
pests
Aphis fabae 9204
Callosobruchus maculatus 410
pH 4148
photosynthesis
air pollution 3204
carbon dioxide 1562, 4073
enzymes 1562
herbicides 7505
photosystem II 7505
water stress 1562, 3204
plant competition, weeds 8348
plant density 5730, 7504
plant development 4838
habit 4841
water stress 4841
pods, dehiscence 5741
pollution
cement dust 4071
chromium 1417
strontium 1417
protoplasts
ion transport 2418
plasma membranes, proton pump 1122
uptake, glutathione 2418
reclamation 9537
root inoculation, *Rhizobium leguminosarum* 4148
root nodules, enzymes 1125, 3206, 5732
root systems 9210
roots
cell division 9215
cell walls 9215
diffusion 415
permeability 415
cells, ultrastructure 2421
composition, proline 4070
damage, temperature 9216
electric potential 9216
hypoxia 2421, 5740
metabolism, allelopathins 859
plasma membranes, enzymes 4549
respiration 9216
temperature 9216
ultrastructure 5740
rotations 6081
cotton 4368
salinity 1123, 4070
seed inoculation
Azospirillum 1418
Rhizobium leguminosarum 1418, 5731, 6670
seed production, Poland 9205
seed quality 9205
seed testing 5743
seed treatment
fungicides 6975
growth regulators 6975

***Vicia faba** cont.*
seed treatment *cont.*
irradiation 5741
neem extracts 410
seedlings
composition, glucosides 3203
emergence 4839
diseases 5736
growth regulators 5741
metabolism, growth regulators 6668
seeds
aging 9532
cells, ribosomes 9532
composition
amino acids 9207
cadmium 3473
carbohydrates 4142, 9214
copper 3473
fats 9279
glucosides 3203
glycosides 476
lead 3473
linoleic acid 9279
linolenic acid 9279
manganese 6742
nickel 3473
nitrogen 1125, 6669, 9206
phosphorus 6669
potassium 6669, 9206
proteins 4069, 5731, 5734, 8347, 9207, 9279
sodium 9206
sugars 4142
sulfur 5731
tannins 5731, 5734
vitamin E 9279
zinc 3473, 6742
development 4142
enzymes 3201
metabolism 3201
enzymes 413
germination 6112
diseases 5736
growth regulators 6668
seed size 5743
seed treatment 5741
water stress 4146
imbibition 4839, 6112
ion transport 9208
size 4837
translocation 9208
viability 5743
vigour 4839, 5743
shoots, composition, nitrogen 4148
soil
chromium 1417
strontium 1417
soil amendments
crop residues 9499
lime 9275
soil fertility 9537
soil inoculation
Bacillus megaterium 412
Rhizobium leguminosarum 3205, 6671
Streptomyces variabilis 412
soil pH 9275
soil water content 1801, 3205
sowing date 8343-8345
sowing rates 7504
spacing 9204
stems
composition, proline 4070
phloem, translocation 5737
stomata, guard cells, ion transport 3199-3200
straw
composition
cadmium 3473
copper 3473
lead 3473
nickel 3473
nitrogen 9206
potassium 9206
sodium 9206
zinc 3473
translocation
dipeptides 411
potassium 9208
sucrose 5201, 6667
transpiration, mineral nutrition 7506

***Vicia faba** cont.*
water stress 3202, 3204-3206, 4841
growth stages 6669
water transfer 5372
water uptake 5372
weed control
cultivation 3472
cultural control 9499
herbicides 2110
manual weed control 8348
weeds
Orobanche crenata 4838, 7504, 9207
parasitic weeds 4838, 7504
yield components 1802, 8343-8344
Vicia narbonensis
fertilizers, nitrogen 4148
in vitro culture
protoplasts 5745
somatic embryogenesis 5745
nitrogen fixation 4148
nodulation 4148
pH 4148
root inoculation, *Rhizobium leguminosarum* 4148
seedlings, composition, glucosides 3203
seeds, composition, glucosides 3203
shoots, composition, nitrogen 4148
Vicia sativa
catch crops 6985
cells, enzymes 4074
enzymes
epoxide hydrolase 4074
inhibitors 4074
fertilizers
boron 4075
manures 8837
molybdenum 4075-4076
nitrogen 4076, 4148, 6985, 8837
phosphorus 4075, 8837
potassium 4075, 8837
poultry manure 391
intercropping, oats 8837
mineral nutrition
boron 4075
molybdenum 4075
phosphorus 4075
potassium 4075
mineral uptake
cadmium 1799
lead 1799
zinc 1799
nitrogen fixation 4076, 4148
fertilizers 4075
mineral nutrition 4075
soil pH 4075
nodulation 4076, 4148, 5744
fertilizers 4075
mineral nutrition 4075
soil pH 4075
pH 4148
pollution
cadmium 1799
lead 1799
zinc 1799
precipitation 8837
root inoculation, *Rhizobium leguminosarum* 4148
rotations 2670, 6964
salinity 6672
seed treatment, molybdenum 4075
seeds
composition, minerals 1803
germination, salinity 6672
shoots, composition, nitrogen 4148
soil inoculation, *Rhizobium leguminosarum* 4076
soil pH 4075
translocation, minerals 1803
Vicia villosa
cultivars
Privolzhskaya 3373
Yubileĭnaya 3373
fertilizers, nitrogen 9491
Vietnam
farming systems, diversification 9557
groundnuts, crop husbandry 6623
rice, multiple cropping 9557
Vigna
space science 9536
taxonomy 5806
watershed management 7020

Vigna aconitifolia
nodulation 7538
seed inoculation, *Rhizobium* 7538
weed control 3240
Vigna angularis
cultivars
China 439
genotype environment interaction 4119
Japan 3241
dry matter distribution, seasonal variation 8389
enzymes
inhibitors 4876
peroxidases 7539
epicotyls
cell walls
growth regulators 4876
microtubules 4876
composition
ascorbic acid 3242
dehydroascorbic acid 3242
esters 7539
enzymes 7539
growth regulators 3242
metabolism 3242
fertilizers
nitrogen 4119
phosphorus 4119
growth regulators
auxins 4876
fusicoccin 3242
gibberellins 4876
IAA 3242
habit, determinate and indeterminate habit 8389
harvest index, seasonal variation 8389
metabolic inhibitors 1158
metabolism
alcohols 7539
ascorbic acid 3242
dehydroascorbic acid 3242
pods, development 3241
production possibilities, China 439
protoplasts, ultrastructure 1158
roots, ultrastructure 8423
seeds
composition, amino acids 4144
development 3241
soil amendments, crop residues 9499
soil water content 8423
taxonomy 4144
waterlogging 8423
weed control, cultural control 9499
Vigna mungo
air pollution, cement dust 7601
allelopathy
Eucalyptus 4410
weeds 475
catch crops 5801
chemical composition
amino acids 2452
anthocyanins 2452
boron 4143
carotenoids 2452
chlorophyll 2452
copper 4143
iron 4143, 9276
manganese 4143, 9276
proline 2452
proteins 2452
starch 2452
sugars 2452
zinc 4143
continuous cropping 4362
crop husbandry, India, Madhya Pradesh 6077, 6963
crop production, energy relations 6963
cultivars
India
Andhra Pradesh 8373
Karnataka 7540
Uttar Pradesh 6705
ADT5 1162
APK1 4879
VB3 1161
cultivation
deep tillage 2672
harrowing 6969
no-tillage 2672, 6969
ploughing 6969

Vigna mungo *cont.*
cultivation *cont.*
rotary cultivation 6969
diseases
Aspergillus flavus 440
Aspergillus niger 440
Aspergillus terreus 440
Macrophomina phaseolina 440
Penicillium 440
Trichoderma harzianum 440
enzymes
catalase 2445
proteinases 1163
ribulose-bisphosphate carboxylase 2451
fertilizers
boron 4376
cobalt 6714
farmyard manure 1160, 2236
molybdenum 4376
nitrogen 2668, 6717
foliar application 1160
NPK fertilizers 7793, 8634
phosphorus 1841, 4877, 6714, 6717
foliar application 1160
residual effects 7541
sources 1159, 1842, 7541
potassium 1160, 7598
sulfur 1380, 4376
application methods 3243
growth regulators
Cytozyme 2451
ethephon 4877
morphactins 4877
NAA 441-442, 1160
herbicides
alachlor 3255, 5227
fluchloralin 3255, 8634
isoproturon 2341
metolachlor 2341
metribuzin 5227
pendimethalin 3255
thiobencarb 5227
intercropping
Cajanus cajan 6717-6718, 9486
cotton 3338, 6966
Eucalyptus tereticornis 5186
groundnuts 9482
Pennisetum glaucum 319
rice 238, 1372, 7312, 8619
Ricinus communis 8623
sorghum 2341, 2668, 7363
soyabeans 7695
sugarcane 2667, 5227
sunflowers 6968
irradiation, ultraviolet radiation 2445, 2452
irrigation 2672
irrigation scheduling 249
leaves
composition
chlorophyll 441, 475, 2445, 2451
phenols 2445
enzymes 2445
stomatal resistance 5186
temperature 5186
metabolism, guanosine 9245
mineral nutrition
iron, deficiency 9276
manganese, toxicity 4880
mercury, toxicity 4880
molybdenum 4120
nickel, toxicity 9244
nitrogen 4120
phosphorus 1159
mineral uptake
nitrogen 8619
phosphorus 1159, 8619
potassium 238
multiple cropping 2669, 4362, 7793, 8634
Brassica juncea 5189, 6077
Cicer arietinum 5189
Linum usitatissimum 5189
rice 6969
wheat 3469, 3471, 5189
mycorrhizas 1188
Acaulospora morrowae 1842
Acaulospora spinosa 1842
Glomus versiforme 1842

Vigna mungo *cont.*
photosynthesis
growth regulators 2451
ultraviolet radiation 2445
plant competition, weeds 6718
plant composition, globulins 7542
pods, set 4860
roots
growth 440
metabolism 9245
ultrastructure 8423
rotations, maize 2064, 5801
seed inoculation
Bradyrhizobium 4120
Rhizobium 1160, 1188
strains 1153
seed treatment
cobalt nitrate 6714
fungicides 1160
manganese 4880
mercury 4880
seedlings
development 9277
growth 9277
seeds
anatomy 2481
composition
minerals 2075
proteins 1160, 6714
enzymes 1163
germination 4860
allelopathy 475, 4410
fungi 440
seed treatment 4880
hard seeds 4860
testas 2481
shading 441-442
soil, phosphorus 7533
soil amendments
filter cake 2236
fly ash 2075
gypsum 2236
lime 2236
manures 1188
rice husks 2236
soil fertility 2075
soil inoculation, *Rhizobium* 1188
soil physical properties 2075, 2672
soil texture 2075
soil water content 8423
sowing date 1376, 6966, 8373
sowing rates 6705
spacing 7540, 8634
stems, composition, minerals 2075
translocation, molybdenum 4120
transpiration 5186
waterlogging 8423
weed control 6718
herbicides 3255
hoeing 8634
integrated control 2341, 3255
manual weed control 3255, 8634
weeds, *Parthenium hysterophorus* 475
yield correlations 4878, 9243
Vigna radiata
air pollution, cement dust 7601
allelopathy 6709, 7013
reviews 7867
weeds 475
antibiotics, penicillins 8377
carbon dioxide enrichment 4866
catch crops 5801
cells
cell division 5340
cell walls
enzymes 2444
proteins 7528
growth 7528
microsomes
inositol phosphates 4864
ion transport 4864
mitochondria, binding proteins 1152
chemical composition
boron 4143
copper 4143
heat shock proteins, determination 1413
iron 4143, 9276
manganese 4143, 9276
phosphorus 8382
zinc 4143

Vigna radiata *cont.*
chlorophyll, fluorescence 4108
climate
Indonesia 2446
Philippines 2446
continuous cropping 4362
crop husbandry, India, Madhya Pradesh 6963
crop production
energy relations 6963
India, Bihar 2476
cropping systems 6709
cultivars
India
Andhra Pradesh 8373
Bihar 3231
Uttar Pradesh 6705
ADT3 1149
ML613 1828
cultivation 2479
crop residues, incorporation 6709
deep tillage 2672
hoeing 2482
no-tillage 2482, 2672
reviews 9489
puddling 4141
residual effects 2477
diseases
Alternaria alternata 1831
Aspergillus niger 1831
Rhizoctonia solani 1831
drought resistance 4902
energy relations 7008
enzymes
amide hydrolases 1150
aminotransferases 4109
catalase 2445, 8378
catechol oxidase 6707
galactosidases 2444
glutamate-ammonia ligase 1150
glutamate dehydrogenase 2447
glutamate synthase 1150, 2447
glycosidases 2444
glycosyltransferases 2444
nitrate reductase 2447, 7530
nitrogenase 1150, 3234, 6710, 7530
pectinesterase 2444
phosphoric monoester hydrolases, inhibitors 1151
pyrophosphatases 8375
superoxide dismutase 8378
transferases 4110
xanthine dehydrogenase 1150
establishment 2446
evapotranspiration, models 742
fertilizers
boron 6708
residual effects 9236
composts 5198
nitrogen 4151, 5187
requirements 9064
residual effects 1829
NPK fertilizers 1379, 2443, 2479, 5198
phosphorus 1145-1147, 4107, 8381
requirements 9064
residual effects 9236
sources 1842, 2449, 5762
use efficiency 2449
potassium 1147, 7598
requirements 9064
sulfur 1148, 8372
zinc 1148, 4107
fungicides
thiophanate-methyl 9237
triadimefon 9237
growth
growth rate 1145
models 4900
growth regulators
abscisic acid 8376
Agrostemin 7525
auxins 6598
benzyladenine 5766
binding sites 1152
ethephon 1827, 8376
ethylene 8378
gibberellins 8376
IAA 3233
IBA 8376
kinetin 8376

Vigna radiata* *cont.
growth regulators *cont.*
NAA 5766, 8376
paclobutrazol 1827
polyamines 9238
seaweed products 6598
heat shock 9238
herbicides
anilofos 1829
butachlor 1829
clomazone 8374
2,4-D 1829
fluchloralin 8374
molinate 1829
pendimethalin 8374
residual effects 1829
hypocotyls
composition
glycoproteins 5765
heat shock proteins 4862
enzymes 4110, 8375
histology 4863
metabolism, glycoproteins 5765
in vitro culture
cotyledons 4113
culture media 5766
growth regulators 5766
light 5766
micropropagation 3517
regeneration 5766
salinity 2447
inoculation, *Rhizobium* 4151
insecticides
cypermethrin 1830
deltamethrin 1830
dimethoate 1830
malathion 1830
intercropping
Cajanus cajan 448, 9486
cotton 2571, 3338, 6966
groundnuts 9482
Pennisetum glaucum 319
rice 238, 7312, 8619
sesame 3379
sorghum 4366
soyabeans 7695
sugarcane 2667
sunflowers 6968
irradiation
gamma radiation 7531
ultraviolet radiation 2445, 3236
irrigation 1145, 2441, 2672, 2879
factory effluents 7803
furrow irrigation 2571
irrigation requirements 7526
irrigation scheduling 249, 1375, 7525-7526, 8371-8372
saline water 2442
leaf area index 3232
leaves
canopy, reflectance 3232
composition
chlorophyll 475, 2445, 7530
phenols 2445
enzymes 2445, 4109, 6707
epidermis, removal 4108
gas exchange 4108
growth 433, 4866
leaf area 433
removal 1833
stomatal resistance 4108, 4866
water content 1147, 4901-4902
water potential 4866
wilting 4901
metabolism
carotenoids 4865
chlorophyll 4865
flavonoids 4111
nitrogen 1150
proline 2448
proteins 5764
sugars 2448, 5764
ureides 1150
mineral nutrition
aluminium, toxicity 8383
chromium, toxicity 6706
iron, deficiency 9276
nitrogen 1150
phosphorus 8382
potassium 3234

Vigna radiata* *cont.
mineral uptake
boron 6708
calcium 2442, 2449
magnesium 2442, 2449
nitrogen 2442, 2449, 5763, 7525, 8619
phosphorus 2442, 2449, 5762, 7525, 8382, 8619
potassium 238, 2442, 2449, 7525
sodium 2442
sulfur 1148
zinc 1148
mulches
crop residues 9489
live mulches 9489
rice straw 2443, 2479, 2482
weeds 9489
multiple cropping 4362
wheat 1375, 3469, 3471
mycorrhizas 1188
Acaulospora morrowae 1842
Acaulospora spinosa 1842
Glomus fasciculatum 2449
Glomus versiforme 1842
nitrogen fixation 3234, 6744
defoliation 1833
nodulation 1832, 2441, 4151, 6710, 7529-7530, 8382
defoliation 1833
mineral nutrition 1150
syringaldehyde 1150
nodules, enzymes 6710
pests, *Aphis craccivora* 1830
photosynthesis 7530
antibiotics 8377
carbon dioxide 4866
soil water content 8380
temperature 8380
ultraviolet radiation 2445
plant competition, weeds 8374
plant density 8370
pollution, lead 4865
precipitation 2446, 2477
protoplasts, staining 8384
respiration 4866
root exudates, saponins 6709
root nodules
composition, leghaemoglobin 3234, 8377
enzymes 1150
senescence 8377
ultrastructure 8377
roots
composition
nitrogen 1827
phosphorus 1827
growth 4866, 6598
allelopathins 7013
mineral nutrition 6706
growth regulators 3233
metabolism 2448
ultrastructure 8423
rotations 5183
maize 2064, 5801
pasture legumes 9235
rice 2477
sorghum 8620
wheat 6744
salinity 2442, 2444, 2447-2448
salt tolerance 2444, 2447
seed inoculation
Aspergillus awamori 8382
bacteria 8382
Bradyrhizobium 6710
strains 1832
Rhizobium 1146, 1188, 2440, 7529-7530, 8381-8382
strains 1153
seed production, sowing date 4106
seed quality 4106, 4861
seed testing 434
seed treatment
gamma radiation 7531
growth regulators 7525
hot water treatment 6704
iodine 1826
irradiation 8383
neem extracts 1826
nitric acid 6704
scarification 6704

Vigna radiata* *cont.
seed treatment *cont.*
sulfuric acid 6704
temperature 6704
seedlings
cell membranes, heat shock 9238
composition
anthocyanins 3236
carotenoids 8379
chlorophyll 8379
flavonoids 3236, 4111
protochlorophyll 8379
development 9277
emergence 2482
growth 9277
growth regulators 9238
heat shock 9238
metabolism 4111
seeds
aging 434
anatomy 2481
composition
amino acids 4144, 8376
calcium 4107
flavonoids 4111
magnesium 4107
nitrogen 4107
phosphorus 4107
proteins 1148, 4107, 5764, 8371, 8376
starch 8376
sugars 5764
tannins 5764
development 4112
growth regulators 8376
dormancy 6704
germination 2478, 2482, 4861
allelopathy 475
fungicides 9237
gamma radiation 7531
irrigation 2879
maturity stage 4112
metabolism 4111, 5764
mycotoxins 1831
salinity 2448
seed treatment 1826, 6704
shelterbelts 2879
storage 434
ultraviolet radiation 3236
hard seeds 4112, 4861, 6704
heat shock 8379
maturation 4112
provenance 4861
storage 434, 6704
testas 2481
vigour 434, 4861
shading 2879
shelterbelts 2879
shoots
composition
nitrogen 1827
phosphorus 1827
enzymes 4109
metabolism 2448
soil
boron 6708
nitrogen 5763
soil amendments
dolomite 6708
gypsum 2443, 2479
manures 1188
soil inoculation
Bradyrhizobium 6710
Glomus fasciculatum 2449, 7530
Rhizobium 1188, 5767
soil physical properties 2672
soil temperature 448
soil water 2482
soil water content 2446, 8380, 8423
sowing date 1376, 2443, 2479, 2482, 3231, 4106, 5761, 6966, 8373
sowing depth 2478
sowing methods 2440, 2478
sowing rates 1145, 6705
spacing 1146, 5761, 7543, 8381
taxonomy 4144
temperature 8380
translocation 7530
phytoalexins 7527
transpiration 4866, 7530
antitranspirants 7525

Vigna radiata *cont.*
tropisms, gravitropism 3233
water stress 3234, 4901-4902
cultivars 433
growth stages 433
water table 3235
water use 1375, 4141, 7008
water use efficiency 7008, 8372
waterlogging 8423
weed control
cultural control 1829
herbicides 1829
manual weed control 8374
residual effects 1829
weeds, *Parthenium hysterophorus* 475
Vigna subterranea
leaves
leaf conductance 7545
water content 7545
water potential 7545
nodulation, soil types 5776
seeds, composition, amino acids 4144
soil types 5776
soil water 7545
taxonomy 4144
water stress 7545
yield components 2453
yield correlations 2453
Vigna umbellata
allelopathy, weeds 475
chemical composition, nitrogen 7544
cultivars, India 7543
fertilizers
nitrogen 3244, 7544
phosphorus 3244
herbicides
anilofos 7544
metolachlor 7544
thiobencarb 7544
leaves, composition, chlorophyll 475
mineral uptake
aluminium 9538
iron 9538
manganese 9538
nitrogen 7544
phosphorus 3244
roots, ultrastructure 8423
seeds, germination, allelopathy 475
soil amendments, lime 9538
soil pH 9538
soil water content 8423
spacing 1164, 7543, 9246
waterlogging 8423
weed control
cultivation 7544
manual weed control 7544
weeds, *Parthenium hysterophorus* 475
Vigna unguiculata
agroforestry 1834, 8385
air pollution, cement dust 7601
allelopathy
Eucalyptus 4410
wheat 8677
alley cropping, *Cassia siamea* 7532
biomass production 1839
catch crops 5801
chemical composition
acetylcholine 749
copper 436
molybdenum 436
nitrogen 3237
chloroplasts
fluorescence 1838
senescence 1838
cultivars
India, Kerala 435
Nepal 5707, 8420
Nigeria 6711, 7536
Ebony PR 6713
Line-4A 6713
Tender Cream 5770
cultivation, ploughing 4370
defence mechanisms 4871
drought resistance 4117, 4902
dry matter accumulation 7534
enzymes
amidine-lyases 4114
ligases 4114
nitrate reductase 4149
nitrogenase 4149, 4873
transferases 4114

Vigna unguiculata *cont.*
evaporation 4115
evapotranspiration, determination 4115
fertilizers
boron 6712
composts 3237
copper 436
farmyard manure 5185
use efficiency 7815
manganese 1837
molybdenum 436, 6712
nitrogen 1043, 1156, 1835-1836, 3237, 4867, 4899, 4901
use efficiency 7815
NPK fertilizers 1379, 5185, 5604
phosphorus 1156, 1836, 4867, 6711, 9274
sources 913, 1155
use efficiency 7815
potassium 1836, 7598
use efficiency 7815
sulfur 1380, 6712
zinc 1155
use efficiency 7815
flowering, flowering date 6711
fungicides
carbendazim 4870
mancozeb 4870
green manures
Canavalia ensiformis, residual effects 1664
Desmodium ovalifolium, residual effects 1664
Pueraria phaseoloides, residual effects 1664
growth 7534
irradiation 2450
models 4900
temperature 2450
growth regulators
abscisic acid 1157, 5773
amino acids 437, 7535
ascorbic acid 438
auxins 437-438
benzyladenine 4873, 5771
2,4-D 4868, 9241
gibberellins 4868
IAA 3239, 4118, 5771
kinetin 3239
NAA 4868, 5771, 9241
nicotinic acid 438
pyridoxine 438
2,4,5-T 9241
thiamin 438
2,4,5-trichlorophenoxypropionic acid 9241
habit, determinate and indeterminate habit 3238
harvest index 4115
heat resistance 8387
herbicides
butachlor 7869
imazethapyr 4869
nontarget effects 7869
oxyfluorfen 7869
tolerance 4869
hypocotyls
cell membranes
electric potential 4118
proton pump 4118
growth regulators 4118
in vitro culture
composition
amino acids 3239
proline 3239
proteins 3239
sugars 3239
culture media 9241
explants 5771
growth regulators 3239, 5771
organogenesis 5771
regeneration 5771
salinity 3239
somatic embryogenesis 9241
insecticides
endosulfan 4870
malathion 4870
intercropping
cassava 435, 4999, 8464
cotton 6966-6967
Eucalyptus 1834

Vigna unguiculata *cont.*
intercropping *cont.*
Eucalyptus tereticornis 5186
maize 2880
Pennisetum glaucum 7797
sorghum 7797
sugarcane 2667
Zea mexicana 1043
irradiation, ultraviolet radiation 1838-1840, 2450, 9242
irrigation 5604
irrigation requirements 4115
irrigation scheduling 4115
leaves
chloroplasts 6334
composition
nitrogen 4868, 5769
phosphorus 4868, 5769
potassium 4868, 5769
proteins 1839
sulfur 5769
growth 4874, 5774
leaf area 4874
senescence 7535
stomatal resistance 1157, 4117, 5186, 5773
temperature 5186
water content 4901-4902
wilting 4901
light intensity 1840
metabolism
acetylcholine 749
herbicides 4869
purines 4114
mineral nutrition
calcium 4873
copper 436
manganese, deficiency 1837
molybdenum 436
nitrogen 1835, 3237, 4149
phosphorus 9274
potassium 1839
sulfur 5769
mineral uptake
manganese 1837
nitrogen 1156, 7815
phosphorus 913, 1156
mulches 6533
Cassia siamea 7532
rice straw 4901
multiple cropping 5185, 6087
Capsicum 5604
Eleusine coracana 5604
rice 6086
wheat 3469, 3471
mycorrhizas
Glomus intraradices 1157
vesicular arbuscular mycorrhizas 5773
nitrogen fixation 1835, 4149
nodulation 1835, 3237, 4899, 6711, 7537, 8388
growth regulators 4873
mineral nutrition 4873
pests
Aphis craccivora 4872
Callosobruchus maculatus 4871
Lampides boeticus 4870
photoperiod 5774
photosynthesis
electron transfer 1838, 1840, 2450
irradiation 9242
light 1838, 1840
photosystem I 1838, 1840
photosystem II 1838
plant competition, cultivars 5775
plant density 4867, 6967
pollution, mine spoil 8388
root inoculation, *Rhizobium*, strains 1835
root nodules
composition, leghaemoglobin 4873
enzymes 4114, 4149, 4873
metabolism 4114
root systems 7797
roots
development 437-438
growth, models 4116
growth regulators 437-438
ultrastructure 8423
rotations 7815
maize 5801

Vigna unguiculata cont.
salinity 3239
seed inoculation
Bradyrhizobium 3237
strains 7537
Rhizobium 1156, 8388
seed quality 1154
seed size 1154
seed treatment, soaking/drying 9239
seedlings, emergence 6533
seeds
anatomy 2481
composition
amino acids 9240
ash 7536
elements 7536
fibre 7536
lipids 9240
protein 7536
proteins 4871, 9240
drying 2106
germination
allelopathins 6093
allelopathy 4410, 8677
fungicides 4870
insecticides 4870
mineral nutrition 1836
mulches 6093
seed size 1154, 1836
storage
fungi 4870
fungicides 4870
insecticides 4870
pests 4870
testas 2481
viability 9239
vigour 1154, 1836, 9239
shoots, composition, minerals 9274
soil
erosion 8946
manganese 1837
phosphorus 7533
soil conservation 7532
soil inoculation, *Bradyrhizobium* 3237
soil physical properties 6533
soil types 6533
soil water content 4115, 8423
sowing date 1187, 1376, 5768, 6966
sowing rates 4867, 8386
spacing 8386
stems
composition
nitrogen 5769
phosphorus 5769
potassium 5769
sulfur 5769
symbiosis, *Bradyrhizobium* 4149
temperature 2450, 5774
translocation, herbicides 4869
transpiration 5186
water stress 1157, 4115, 4117-4118, 4901-4902, 5772
water uptake 8385
waterlogging 8423
growth stages 4875
xylem, composition, growth regulators 5773
yield components 3238
yield correlations 3238
Water relations
reviews 5206
techniques 4401
Water stress 4421
models 8675
reviews 754, 4399, 4418-4419, 5206, 7854, 8061, 8659
Water supply, models 7850
Water transfer
measurement, techniques 4277
models 3513
reviews 1401
Water uptake
measurement, techniques 741
mineral nutrition 7000
models 2702, 5207, 5209
Water use, models 1400, 9546
Waterlogging
Cajanus cajan 8392
Cicer arietinum
growth stages 2461-2462
tolerance 2462
Waterlogging *cont.*
Lablab purpureus 8423
maize 4626, 5483, 8080
Phaseolus vulgaris 8423
rape 672, 6902, 8550
reviews 3518
soyabeans 4781, 8423
sugarcane 9465
tobacco 3439
Vigna angularis 8423
Vigna mungo 8423
Vigna radiata 8423
Vigna umbellata 8423
Vigna unguiculata 8423
growth stages 4875
wheat 3672, 6249
Weather, diurnal variation, models 779
Weed control (*see also* herbicides)
conferences 7886
West Africa
farming systems
integrated systems 5233
sustainability 5233
land use 5233
Wheat
accumulation
manganese 6188
zinc 6190
agricultural meteorology 2809, 3807, 7852
agroforestry 5260, 6157
Bangladesh 8101
India, Uttar Pradesh 6159
air pollution
acid rain 5612
ammonia 2095, 6272
carbon dioxide 7878
cigarette smoke 4538
fluorine 2824
heavy metals 5214
hydrochloric acid 2095
hydrogen fluoride 3676
hydrogen sulfide 1531
nitrogen dioxide 1530
ozone 1119, 2186, 3673-3676, 3679, 5363-5364, 7984, 8833
models 8831
radionuclides 1531, 4072
solvents 2095
sulfur dioxide 2095, 2823, 5361
tritium 7985
allelopathy 2690, 7121-7122, 7399, 9499
alley cropping
Populus 1368
Trewia nudiflora 6159
anoxia 83, 4754
reviews 3928
apical dominance 7388, 7396
apparatus, growth chambers 6277
aspect 6157
atmospheric pressure 2693
biomass production 8766, 9085
estimation 93
models 4528
Slovakia 910
books 7054
callus, composition, lectins 75
carbon cycle, models 877
carbon dioxide, reviews 4982
carbon dioxide enrichment 730, 855, 1515, 1533, 2187, 2826, 3071, 3675, 3677-3679, 4424, 4536-4537, 5362-5364, 6124, 6267, 7144, 7146-7149, 7986, 8833-8834
models 85, 87, 89, 7878
catch crops 6985
cells
calcium 2808
cell division 5340
cell membranes
ion transport 4510
permeability 3676
water relations 6255
cell walls, water relations 6255
composition, aluminium 1504
plasma membranes
enzymes 3287, 5341
ion transport 1504
tonoplast, enzymes 5341
ultrastructure 6255, 6262
chemical composition 7887
Wheat *cont.*
chemical composition *cont.*
allelopathins, reviews 1048
amino acids 4374
ascorbic acid 2170
cadmium 1532, 2977, 3504, 4535
caesium 57
calcium 20, 4425
carbon 2099
carotenoids 2183
chloride 2182
chlorophyll 2183, 4473, 4538, 7974, 8737
copper 7089
elements 9530
fructans 6254
glucosides 3653
heavy metals 823, 5214, 7819
iron 7089
lead 1532, 3504
lignin 8810
lithium 1542
magnesium 20
manganese 1471, 6188, 7089
mercury 3504
minerals 2183, 8826
nitrogen 877, 1505, 1534, 2099, 2821, 3563, 5279, 6254, 6272, 7082, 7085, 7894, 7914, 8641, 8737
phosphorus 1505, 1534, 2767, 2821, 7082, 8778
potassium 1505, 1534, 2182, 2821, 4425, 7082, 7982
determination 1310
proline 5345
proteins 2149, 4374, 5335, 5352, 8737
determination 8807
rubidium 6547
sodium 2182, 4425, 7982
starch 2480
sugars 5345
sulfur 2099, 5333
thallium 1532
trace elements 3629, 5215, 5293, 6098
zinc 2767, 2782, 6190, 6548, 7089
chlorophyll
fluorescence 1527, 2148, 3622, 3674, 4499, 7149, 7942, 7977, 8686
water stress 850
chloroplasts
enzymes 7115-7116
gene expression 4512
growth regulators 2167
heat shock 3667
light 2167
membranes, proteins 7969
metabolism 4512
mineral nutrition 54
senescence 2167
thylakoids 752, 3667
ultrastructure 752, 2823, 3667
climate 811
China 846
Henan 845
climatic change 2826, 3543, 4536, 6273, 7146
Bangladesh 89
models 85-86, 88, 90, 5239-5240, 7878, 8835, 9562
cold hardening 1529, 2178, 4532, 5219
cold injury 8821
cold resistance 2826, 3644, 3669, 7146
cultivars 80
sowing date 8210
coleoptiles
cell walls 5351, 8801
enzymes 5350
mechanical properties 5350
composition
diferulic acid 5350
ferulic acid 5350
polysaccharides 8817
growth 3642, 5351, 6251
metabolism 8817
diferulic acid 5350
ferulic acid 5350
salt tolerance 82

Wheat *cont.*
coleoptiles *cont.*
treatment
proline 82
sugars 82
companion crops 3473, 7897
comparisons 1740
computer software, decision making 94
continuous cropping 8-9, 2764, 4362, 5281, 6161, 6164, 7061
cover crops 18
Lathyrus tingitanus 8716
Lolium perenne 3475, 5263
peas 8716
rape 3475
Trifolium repens 5263
crop damage 7392
crop husbandry 3918, 7887
Brazil 2057
Bahia 1447
Distrito Federal 1447
Goiás 1447
Mato Grosso 1447
Mato Grosso do Sul 1448
Minas Gerais 1447
economics 8752
India
Madhya Pradesh 6077
Uttar Pradesh 4462
models 2739
Nepal 1449, 3562
reviews 7893
UK 5259
crop management, Kenya, reviews 9086
crop production 7887
Argentina 3543
Germany 4521
USA, Arkansas 3545
crop residues 7399
burning 8718
disposal 8718
cropping systems 2742
constraints, India 2276
double cropping 5267
Ethiopia 1455
India 8104
sustainability 5262
UK 5262
cultivars 2136, 6277, 8766
Argentina 8767
Australia, Queensland 824-825
Brazil 5305
São Paulo 2757, 5303, 5307-5308
Chile 26
China 6195
Hebei 7092
Heilongjiang 7093
Croatia 2761
Cuba 2769
Denmark 6104, 8638
drought resistance 848-849
Egypt 4488
genotype environment interaction 825, 3608, 4516, 7074
Hungary 2753, 2801, 3929
India
Bihar 5290
Haryana 7908
Uttar Pradesh 802, 809, 2142
Italy 2140, 6197-6208, 6222
Lithuania 8768
Mexico 8740
mixtures 1501, 8769
Nepal 2139
Netherlands 4487
Pakistan 3606
Russia 27, 2770, 3174
Siberia 3174
Slovakia 2144, 2804, 3514
UK 6161, 9088
USA
Georgia 1743
Great Plains states of USA 6196
Oklahoma 6196
Zimbabwe 2143
AC Barrie 6223
AC Walton 1476
AKW1071 7094
Alamoot 7095
Alchanmil 5309
Alka 2145

Wheat *cont.*
cultivars *cont.*
Arbola 38
Arlas 29
Balmi 40
Bimai-10 2776
Bimai-11 2776
Cascades 6226
Catoctin 34
Damsinskaya-90 2777
Datatine 6227
GA-Dozier 31
GA-Stuckey 32
Greif 39
Guandong-107 3610
Jackson 37
Jimai-30 2774
Jingdong-6 2772
Jinghe-1 2771
Ke 89-446 7098
Ke 90-514 7098
Ke Han-13 7098
Ke Lao-5 7098
Khar'kovskaya-23 2778
KRL1-4 1478
Lyudmila 2778
Metrenco-INIA 3613
Mona 2146
Nekota 36
Niobrara 35
Nisihonami 7929
Pacific 1477
Paillaco-INIA 3612
Parbhani-51 7931
Purna 7094
Raj-3077 30
Renaico-INIA 3611
Sagarika 7930
Sids-1 2773
Siria 828
Sylvan 33
Tajan 7096
Tammin 6228
Vanguard 6225
Verde 5310
Yining 41
Yumai-28 2775
Zao You-504 7099
cultivation
chiselling 5268, 9488
conservation tillage 3, 6, 2069, 2742, 3476
crop residues, incorporation 325, 3475, 7112, 8677, 8718
deep tillage 7217
depth 22, 1456, 3475, 5258, 6973
discing 829, 1456, 1491, 7060, 8627, 8719, 9488
equipment 2744
harrowing 1491, 5267, 7102, 8627
methods 2068, 2741, 3466, 7057
minimum tillage 797, 6264, 7217, 7802, 7899, 8627
no-tillage 3, 6, 70, 325, 722, 764, 820, 1450, 2069, 2742, 4373, 4558, 5267, 5280, 5608, 6170, 6229, 7059, 7061, 7802, 7899, 8720-8721
ploughing 3, 764, 820, 829, 1450, 1491, 4485, 5192, 7058, 7060, 7899, 8627, 9488
reduced tillage 8721
residues, incorporation 6264
ridging 4558, 6167, 9488
rolling 45
rotary cultivation 7058, 7060
stubble cultivation 3564, 7059, 7061
subsoiling 5192, 5268, 8830
cutting 7388, 7396
defoliation 51
disease control 72, 3623
fungicides 1489
diseases 4442, 7795, 7895
Aspergillus flavus, control 2111
barley yellow dwarf luteovirus 26
Cochliobolus sativus 1501, 6229
Erysiphe graminis 1493, 2150, 3563, 3623, 8717
Fusarium culmorum 71
Gaeumannomyces graminis 829, 6161, 6229

Wheat *cont.*
diseases *cont.*
Gaeumannomyces graminis var. *tritici* 72
Gibberella zeae 4498, 8772
Leptosphaeria nodorum 7402, 7940
Mycosphaerella graminicola 8717, 8769
Puccinia graminis 7951, 8767
Puccinia recondita 26, 5274, 8767, 8769
Puccinia striiformis 1493, 8767
Septoria 1493
Tilletia 7402, 7940
Ustilago 8767
drainage 6174, 7909
drainage water, nitrates 8022
drought 847, 4516, 6230
drought resistance 850, 4516, 5347, 7975
cultivars 64, 1525, 2814, 3666, 5301, 6195, 7974, 8819-8820
dry matter accumulation 55, 2797, 7397
growth stages 5320
dry matter distribution 1525, 3636
ecology 7887
electric potential 3672
energy balance, carbon dioxide 87
energy relations 1511, 3539, 4467, 5328, 7008, 7799
Slovakia 910
energy requirements 3467, 9474
enzymes
acid phosphatase 2151, 7950
adenosinetriphosphatase 62, 5341, 8823
alcohol dehydrogenase 2693, 3671
aminotransferases 5324, 6168
ammonia-lyases 8801
amylases 858, 2825, 3618, 3663, 4503, 4514, 6168, 6242, 7954, 7962, 8796, 8818
determination 5325
carboxy-lyases 2186, 3676
carboxypeptidases 7952
catalase 1524, 2151, 7957, 8790
catechol oxidase 3623
chitinase 2780
cysteine proteinases 8791
cytochrome-c oxidase 3510
endopeptidases 2791
β-fructofuranosidase 841, 2789, 4511, 4754
fructokinase 83
β-glucanase 2780
glucokinase 83
glucose-6-phosphate dehydrogenase 1508, 2693, 8815
glutamate-ammonia ligase 1507
glutathione reductase (NAD(P)H) 847, 1524, 4415, 7974, 8815
glyceraldehyde-3-phosphate dehydrogenase 2693
glycosidases 2789
hexosyltransferases 2789, 3635, 3669, 4511, 6241
IAA oxidase 4513, 8789
inhibitors 2790, 2816, 3510, 6110, 6244
isocitrate dehydrogenase 2693
isomerases 7114
kinases 83, 1458
lipoxygenase 7951
malate dehydrogenase 1511, 2693
malic enzyme 6385
NADH dehydrogenase 1785
nitrate reductase 1510, 2152, 2191, 2816, 3624, 4529, 4534, 5352, 6168, 6241, 7131, 7953, 7987
nitrogenase 7987
nucleotidyltransferases 841
oxidoreductases 1785, 2150, 3287, 5327, 8647
oxo-acid-lyases 2790
peptide hydrolases 80
peroxidases 72, 851, 2151, 3664, 4513, 4519, 4534, 7970, 7974, 8789-8790
phenylalanine ammonia-lyase 72, 5350, 8801
phosphoenolpyruvate carboxylase 839, 1528, 2693, 6241

Wheat *cont.*
enzymes *cont.*
phosphofructokinase 3671
phosphogluconate dehydrogenase 1508
phosphotransferases 3671, 9518
phytase 7118
protein kinase 6240
proteinases 3632, 7116-7117, 8788, 8818
pyrophosphatases 5341
pyruvate decarboxylase 3671
pyruvate kinase 3671
ribonucleases 2151, 6266
ribulose-bisphosphate carboxylase 730, 833, 1528, 3619, 3632, 3669, 6110, 7115, 7941, 7986
(s)-2-hydroxy-acid oxidase 2788
sucrose synthase 83, 841, 4754
superoxide dismutase 77, 808, 1524, 3664, 5326, 6243, 7116, 7130, 7957, 8773
triacylglycerol lipase 6168
urease 8641
equipment
combine harvesters 1459
ploughs 7057
seed drills 2746
establishment 5258, 6170
evapotranspiration 2815, 5328
carbon dioxide 87
estimation, models 2793
remote sensing 2817
farm inputs 9474
farming systems
alternative farming 3475, 6158, 7056, 7211, 7385, 7795
energy relations 3539
integrated systems 3472
low input agriculture 8752
Indonesia 6163
models 8713
organic farming 1451-1452, 2060, 2797, 3472, 3504, 3563, 4467
sustainability 4584
Indonesia 6163
traditional farming 2797, 3504
fertilizers 1412, 2072, 3466, 7311
application date 7072
application methods 7072
biogas slurry 1505, 5297
residual effects 4598
boron 1449, 3595-3600, 4515, 6249, 7062, 8227
foliar application 724
calcium 8761
cattle manure 2741
chlorine 4374
composts 1473, 1505, 5198, 6988, 7816, 7819, 7983, 8450, 8756, 9496
copper 3601
application date 8738
application methods 5294
foliar application 1460, 5294, 7089, 8738
sources 7089
crop residues 1728, 3475, 4378, 7240
farmyard manure 22, 725, 2137-2138, 2361, 2674, 3487, 3492, 3595, 4665, 5185, 5197, 5296, 5578, 6181, 6188-6190, 7091, 7217, 7240, 7818, 7912-7913, 7924, 8450, 8637, 8765, 9355
residual effects 2360, 2768, 3486, 4598, 6353, 7058, 7365
use efficiency 7815
filter cake, residual effects 6443
foliar application 4375
iron
foliar application 7089
sources 7089
liquid fertilizers 6988
foliar application 3602
lithium 53
magnesium 22, 1615, 6098, 6543, 9494
manganese
application methods 1471-1472
foliar application 1471-1472, 7089
sources 7089

Wheat *cont.*
fertilizers *cont.*
manganese *cont.*
use efficiency 1471
manures 2766, 3605, 6184, 6194, 8635
use efficiency 8910
molybdenum 5352, 7090
foliar application 724, 8755
nitrogen 2, 11, 17, 22, 799, 802, 809, 812, 821, 877, 965, 1450, 1458, 1461, 1463-1464, 1469-1470, 1481-1482, 1484, 1494, 1505, 1510, 1615, 1742, 2136, 2359-2361, 2673-2674, 2741, 2745, 2750-2751, 2757, 2759, 2761, 2763, 2765, 2768, 2801, 3486, 3488, 3571, 3579, 3582-3589, 3594, 3614, 3623, 3648, 3929, 4374, 4479, 4485, 4539, 4665, 5197, 5263, 5274, 5280, 5288, 5291-5292, 5295-5296, 5299, 5314, 5323, 5338, 5365, 6097-6098, 6156, 6158, 6164, 6180-6181, 6183, 6187-6190, 6192, 6252, 6264, 6543, 6985, 6987-6988, 7068, 7076, 7081-7082, 7100, 7126, 7392, 7816, 7904, 7911-7912, 7914, 7917, 7919-7920, 7923, 7926, 8635, 8733, 8735, 8739, 8742, 8746, 8750, 8752, 8754, 8758, 8803, 9087, 9355, 9491, 9494, 9496
application date 10, 14, 813-815, 819, 1466-1467, 1480, 2134, 2749, 2758, 2764, 3581, 3590, 3601, 4484, 5285-5286, 5608, 6176-6177, 7057, 7073-7074, 7084, 7915-7916, 8734, 8736-8738, 8743, 8749
application methods 10, 1465, 3591, 4484, 5282, 5287, 5294, 5608, 8748
economics 15
energy relations 15
foliar application 2134, 2764, 3601-3602, 4480, 5294, 6175, 7084, 7388, 7396, 8738, 8749, 8755
formulations 2760
models 3593
requirements 14, 1539, 3469, 5135, 5279, 5281, 5284, 7809
determination 4506
residual effects 15, 810, 816, 1685, 4743, 5289, 7894-7895, 7918, 8741
reviews 722
sources 326, 1465, 2134, 2764, 4480, 4486, 5285, 5298, 5608, 6178, 8748
use efficiency 10, 16, 326, 811, 1460, 1462, 1467, 2762, 3493, 3580, 4373, 4480, 5283-5284, 5298, 5608, 6179, 6988, 7071, 7809, 7815, 7918, 8732, 8740, 8910
models 2135
NPK fertilizers 724-725, 820, 1370, 1373, 1489, 1728, 2071, 2137-2138, 2172, 2743, 2766, 3487, 3492, 3514, 3595, 4375, 4378, 4476, 4481, 5185, 5198, 5318, 5361, 5578, 6181-6182, 6184, 7083, 7086-7087, 7090, 7793, 7818, 7903, 7913, 7924, 8202, 8637, 8753, 8757
application methods 73, 7085
organic fertilizers 1449, 2673, 2745, 3648, 6989, 9095
organomineral fertilizers 6183, 7091
phosphorus 22, 802, 807, 818, 821, 965, 1044, 1469-1470, 1481, 1510, 1615, 2136, 2359-2361, 2674, 2741, 2750, 2763-2765, 2768, 3486, 3571, 3594, 3623, 3648, 3683, 3929, 5197, 5290-5292, 5296, 5300, 6098, 6164,

Wheat *cont.*
fertilizers *cont.*
phosphorus *cont.*
6172, 6181, 6183, 6192, 6543, 6973, 6987, 7068, 7079, 7081-7082, 7084, 7392, 7811, 7911-7912, 7921-7923, 7926, 8744, 8746, 8749-8750, 8752, 8754, 8761, 8803, 8988, 9087, 9355, 9494
application date 819, 2749, 6185
application methods 6185
foliar application 6185
models 3489, 3593
requirements 7078, 7810, 8780, 9402
determination 7077
models 1468
residual effects 976, 1056, 3083, 4598, 6353, 7080, 7925, 8635
sources 19, 817, 974, 976, 1506, 6185, 8745, 8756
use efficiency 1056, 3083, 3493, 3592, 7815, 7925, 8745, 8910
pig manure 3594, 6191
pig slurry 3493, 4485, 8757
application date 4484
application methods 4484
plant residues 8727
potassium 20, 22, 802, 807, 821, 965, 1469-1470, 1615, 2136, 2359, 2361, 2674, 2741, 2763, 2765, 2768, 2977, 3486, 3623, 4471, 5292, 6088, 6098, 6181, 6183, 6192, 6543, 6987, 7084, 7392, 8635, 8747, 8752, 8754, 8988, 9087, 9355, 9494
application date 819, 2749, 7327
foliar application 7327
residual effects 7327
sources 3490
use efficiency 7815
poultry manure 6191, 7926
residual effects 8128
refuse 5297
refuse compost 3595, 6187
requirements 3487, 5197, 7070
rice husks, residual effects 7058
seaweeds 8636
selenium 7090
application methods 21
sewage sludge 823, 1505, 5295, 5297-5298, 6187, 6988, 7819, 8782
slurries 1473, 3475, 7912
sodium humate 822
foliar application 3602
straw 6189
sugar factory waste 6192, 7820
sulfur 3605, 4482, 5578, 6543, 7088, 7090, 7914, 8227, 8735
residual effects 7925, 9108
use efficiency 7925, 9108
trace elements 4375, 5293, 6183
foliar application 6175
requirements, determination 4483
zinc 1848, 5290, 6548, 7090, 7811, 7913, 8744
application date 6185
application methods 6107, 6186
foliar application 724, 6107, 6185-6186, 7089
sources 2767, 7089, 7365
use efficiency 7815
field experimentation, experimental design 4541, 7154
flooding 2191, 3671
flowering
flowering date 2177, 3582, 7129
induction 1516-1517
flowers
anthers
composition, boron 3627, 4390
growth regulators 2813
mitochondria 8822
photosynthesis 1528
ultrastructure 8822
development 7966

Wheat *cont.*
flowers *cont.*
gynoecium
composition
boron 3627
zearalenone 3655
mitochondria 8822
ultrastructure 8822
ovaries, growth regulators 2813
removal 834
senescence 7966
stamens, composition, zearalenone 3655
frost 4012
frost injury 8821
frost resistance 2178, 3670, 4532, 5219, 5352, 8798
cultivars 80, 852, 5612
determination 81
sowing date 8210
fungicides
benomyl 6175
carboxin 5269-5270
imazalil 5270
metalaxyl 5269-5270
propiconazole 2359, 8742
tebuconazole 5270
thiabendazole 7025
thiram 5269-5270
triazole fungicides 2780
gene expression
diseases 2150
growth regulators 7962-7963
genotype environment interaction 826-827, 1361, 8733
glumes
enzymes 4511
metabolism, fructans 4511
grain
accumulation, cadmium 5337
aleurone layer 4555
composition 8832
amino acids 1452, 2172, 4508, 5294, 6185, 6253
ash 2821
cadmium 23, 2060, 3473, 5334, 7127-7128, 8754, 8784
calcium 1452, 2138, 5318, 6193
carbohydrates 5338
carotenoids 5336
cobalt 6184
copper 3473, 5294, 6184, 6189, 6543
crude protein 858, 4524
dry matter 7959
elements 5356
fat 2821
fatty acids 7136
fibre 2821
glucans 7126
gluten 4, 27, 1533, 2134, 2172, 2801, 3514, 3602, 7081, 7084, 7915, 8755, 8808
glutenins 2804
growth regulators 73
iron 6189, 6192, 6543
lead 3473
lectins 75
lipids 7136
lysine, determination, techniques 3926
magnesium 2138, 6193
manganese 6189, 6192, 6543
minerals 3602
nickel 3473
nitrogen 51-53, 802, 809, 815, 1451-1452, 1467, 2138, 2169, 2763, 3488, 5282, 5285-5286, 5338, 7059, 7894, 8757, 8803, 9161
oils 8630
phosphorus 802, 2138, 2763, 7081, 8757, 8774, 8803, 9402
polysaccharides 7126
potassium 802, 2138, 2763, 6193, 7081, 8774
protein 2758, 8808
proteins 53, 78, 809, 813, 815, 843, 1412, 1526, 1533, 1742, 1744, 2134, 2172,

Wheat *cont.*
grain *cont.*
composition *cont.*
proteins *cont.*
2187, 2801-2802, 2805, 2818, 2821, 3563, 3569, 3584, 3586, 3594, 3602, 3616, 3652, 4479, 4487, 4508, 4521-4522, 5274, 5280, 5291, 5294, 5336, 5338, 5356, 5365, 6158, 6265, 7078, 7081, 7084, 7125, 7895, 7915-7916, 7984, 8630, 8738-8739, 8748-8749, 8755
models 5339
prediction 6252
radionuclides 22
selenium 21, 2806
sodium 6193
starch 1533, 2187, 3652, 3657, 7126
strontium 5318
sugars 3652, 3657
determination, techniques 7967
trace elements 5292, 6987
vomitoxin 8772
zearalenone 3655
zinc 3473, 6184-6186, 6189, 6543, 8754
development 838, 4513, 6253, 7916, 8789
enzymes 858, 2789, 4511, 4513-4514, 5325, 7118, 8789, 8791
ethanol production 1742
filling 55, 2162, 2174, 2176, 2818, 5276, 5302, 6177, 6235, 7959-7960
models 3609
temperature 6265, 7980
maturation 4514
maturity stage 2172
metabolism 7136
fructans 2789, 4511
growth regulators 73
proteins 838, 3652
starch 3652
sugars 3652
vomitoxin 8772
moisture content 4514, 9090
morphology 9090
pericarp 4555
physical properties 5336
quality 1458, 2187, 2770, 2805, 3585, 3587, 3594, 3602, 5274, 5325, 5336, 5339, 6252, 6265, 7153, 7960, 8769, 8808
baking quality 27, 815, 843, 1533, 2134, 2801, 2804, 3514, 3569, 4487, 4521-4522, 5286, 5294, 5356, 5364, 6268, 7074, 7081, 7092, 7108, 8739, 8765
books 8703
cultivars 2804, 4522
determination 8804
harvesting date 4522
milling quality 2758, 3514, 3569, 4522, 4555, 5364, 8765
models 858, 4524
prediction 5278
storage, diseases 2111
ultrastructure 4555
weight 2174, 5302, 8630
prediction 5366
green manures 3475
Crotalaria juncea 1373, 7058, 8760
Cyamopsis tetragonoloba 3337
Lantana camara 7217
Lens culinaris 1453
Leucaena 1728
Lolium multiflorum 4486
Lolium perenne 8759
Medicago sativa 8758
Melilotus officinalis 8759
oats 8759
peas 7394
residual effects 1472, 1685
Sesbania 7311

Wheat *cont.*
green manures *cont.*
Sesbania rostrata, residual effects 1370
Sorghum halepense 8758
Trifolium pratense 6081, 8758-8759
Trifolium repens 8759
Trifolium resupinatum 4486, 8759
Vigna unguiculata 7793
growth 7887
dynamics 1515
growth rate 1515, 7397, 8766
growth regulators 5330, 6248
growth stages, classification 2161
models 797, 857, 1515, 3640, 4540, 7119, 7961
salinity 5355
growth analysis 803, 2797-2798, 4473, 7010, 7983
growth regulators 7911
abscisic acid 73, 852, 2166, 2813, 3644, 3670, 5331, 5347, 5474, 6247, 6394, 7120, 7957, 7962-7964, 7977, 8799, 8801
benzyladenine 1528, 2168, 8813
binding sites 8800
brassinolide 3642, 8796
brassinosteroids 6980
chlormequat 1554, 2359, 2753, 2765, 3577, 3633, 5330, 7388, 7396
chloromethylsilatran 71
cytokinins 73, 3643
2,4-D 7970, 7987, 8813
dikegulac 8753
emistim 6175
ethephon 2359, 2753, 6976
ethylene 2186, 2752, 3071, 3621, 7956-7957, 8828
fulvic acid 4503
fusicoccin 8798
gibberellins 2800, 6248, 7138, 7388, 7396, 7962, 7964
growth inhibitors 3576, 6976
growth promoters 4257
growth retardants 1554, 6330
humic acids 2799, 4520
hydroxybenzyl adenosine 1458
IAA 3642, 4257, 4520, 5324, 6247
IBA 7970
Impakt 6175
jasmonic acid 7840
kinetin 2167
Krezatsin 6175
methyl jasmonate 7840, 7951
NAA 5331, 7970
norflurazon 3644
oligochitosan 71
paclobutrazol 6248, 8797
plant extracts 3578
polyamines 4519
prohexadione 4478
propiconazole 8797
salicylic acid 72, 7953
silver thiosulfate 2752
sodium humate 6175
tetraconazole 8797
thidiazuron 1528
triacontanol 8629, 8744
uniconazole 808
zearalenone 8800
zeatin 2752, 6247
zeatin riboside 6247, 7957
gynoecium, cell membranes, electric potential 7965
habit, spring and winter habit 5275
hail damage 9093
harvest index 7134
harvesting
damage 7153
harvesting date 2133, 2801, 4522, 8630
harvesting losses 12, 1459, 2133, 2754, 3067, 7807, 8630
machinery 12, 2133, 3067, 7807
heat resistance 5347, 7065, 7136, 7140
cultivars 1522, 7974
heat shock 78, 1526, 3667, 6265-6266, 6268
heat stress 851, 1522, 1527, 2818, 5347, 6265, 7136-7137, 7140, 8822
cultivars 2176

Wheat *cont.*
heat stress *cont.*
protectants 8797
herbicides 7102
alachlor 763
alloxydim 7934
amidosulfuron 1492
atrazine 763
bifenox 1461, 1490, 7934
bromoxynil 44-45, 762, 1461, 3615, 7103, 7107, 7934
butylate 763
chlorotoluron 1490, 1495, 2779, 4496, 7103
chlorsulfuron 1486, 1492, 7104-7106
clomazone 2704
2,4-D 42-43, 1484, 1498, 2359, 2765, 4492, 4494, 6182, 7100-7101, 7107, 7933, 7937, 8742, 8770, 763
dicamba 763, 2359, 7107
dichloropicolinic acid 401
dichlorprop 762, 1485, 1490
dichlorprop-P 44-45
diclofop 1479, 1488, 1492, 1495, 2779, 3616, 7936
difenzoquat 3616
dimethenamid 2147, 8771
fenoxaprop 1485, 7936
fenoxaprop-P 1490, 1492
flamprop 3616, 7103
flamprop-M 1492
fluchloralin 7906
fluoroglycofen 46, 1490, 1492
fluridone 7120
fluroxypyr 43, 1490, 1495, 4491-4492, 7933, 8734, 8770
glyphosate 5228
halosulfuron 8920
imazamethabenz 766, 7936
imazethapyr 766
ioxynil 45, 762
isoproturon 42-43, 803, 965, 1481, 1483-1485, 1490, 1495, 1497-1499, 3617, 4474, 4491, 4493-4494, 7100-7101, 7932-7933, 8718, 8724, 8726, 8770
linuron 2765
MCPA 44-45, 762, 1485, 1490, 2765, 7107
mecoprop 1485, 8742
methabenzthiazuron 1485, 1490-1491, 6182, 7103
metolachlor 763
metoxuron 6182, 7103
metribuzin 763, 1486
metsulfuron 44, 1486, 1492, 1497, 4492
metsulfuron-methyl 8734
nontarget effects 7104
paraquat 8797
pendimethalin 43, 1496, 4491, 4494, 7932-7933
prometryn 763
prosulfuron 3069, 4497
protectants 8797
pyrithiobac 4439
residual effects 4439
safeners 1492, 2147, 8771
sethoxydim 1487
thifensulfuron 1492
tolerance 8771
toxicity 766, 3758, 5228, 7107, 7937, 8797
tralkoxydim 1492, 1495, 1499, 3615, 4492, 8724
triasulfuron 46, 1486, 7937
triazine herbicides 3758
tribenuron 1497, 4492
hypoxia 2191, 3671, 6270, 7144, 8828
ice damage 3671
in vitro culture
anther culture 8813
culture media 76, 2173-2175, 4527, 7971
embryos 6257, 7970
enzymes 6243
gene expression 5342
growth regulators 6257, 7970, 8813
heat shock 2092
organogenesis 6257

Wheat *cont.*
in vitro culture *cont.*
organogenesis *cont.*
cultivars 75
protoplast culture, reviews 333
protoplasts 76, 7971
regeneration 76, 2173, 2175, 5343, 6258, 7970-7971, 8813
seed set 4527
somatic embryogenesis 2175, 5342
inoculation, *Penicillium radicum* 7079
insecticides 6158
deltamethrin 2359
dimethoate 8742
endosulfan 3618, 7954
HCH 965
phoxim 8742
toxicity 3618
intercropping
Brassica campestris var. *toria* 2066, 6089
Brassica juncea 2063, 2671, 5264
Cicer arietinum 801, 2063, 2671, 7076
Lens culinaris 2, 2671, 7076
Linum usitatissimum 2063, 2671
peas 2066, 5190, 6089, 9181
Phaseolus vulgaris 6965
potatoes 2061
safflower 2063, 2671
sugarcane 5162
sunflowers 6160
Trewia nudiflora 6159
Vicia faba 3563
irradiation
microwave radiation 3920
ultraviolet radiation 759, 4415
irrigation 13, 741, 877, 2750, 3483, 3594, 4476, 5277, 5301, 6973, 6989, 7988
brackish water 248
computer software 7804
drainage water 244
factory effluents 7803, 8832
fertigation 7072
growth stages 11, 675, 2748, 8728
irrigation requirements 4402, 6094
irrigation scheduling 10, 805, 807, 1375, 1482, 2749, 3575, 7907-7908, 7910, 8728, 8730
models 806, 2751, 7069, 7910, 8729
saline water 3605, 4372, 7909, 8731
sodic water 3574
waste water 6095
land evaluation 1556
Burundi 769
land use, Hungary 2809
leaf area index 3579, 7396, 7968
leaves
anatomy 50
canopy 7068, 7397, 7968
aerodynamic properties 3680
stomatal resistance 4518
structure 4525
temperature 4474, 7907
cell membranes, permeability 1524
cell walls, elasticity 7973
cells, growth 2164, 7138
composition
amino acids, determination 4523
antioxidants 2788
boron 3628
calcium 7142
β-carotene 1119
carotenoids, extraction 1773
cerebrosides 6119
chlorine 7142
chlorophyll 1785, 2151, 2821, 3581, 3619, 3623, 3643, 3667, 4389, 4503, 6239, 7125
determination 2085, 2682, 8809
extraction 1773
copper 2158
elements 6239
ethylene 2186
fatty acids 7136
glutathione 847
growth regulators 73
lipids 1119, 7136

Wheat *cont.*
leaves *cont.*
composition *cont.*
magnesium 7142
malonaldehyde 7957
manganese 2158
minerals 4389
nitrogen 8779
determination 4523
phenolic compounds 855, 3623
phosphorus 2151, 8779
plant pigments 2752
polyamines 2186
potassium 5355, 7142
proline 4503
proteins 1394, 3619, 5219, 7081, 7986
selenium 4503
sodium 5355, 7142
sphingolipids 6119
sugars 833
zinc 8773
damage 3674
light 4394
development, soil compaction 2164-2165
emergence
photoperiod 6260
temperature 6260
emission, nitrous oxide 1518
enzymes 730, 808, 833, 847, 1524, 1528, 1785, 2186, 2788, 2790, 3619, 3623-3624, 3632, 3669, 4503, 4519, 6242, 6266, 7115, 7131, 7953, 7986, 8647, 8788, 8790, 9518
epidermis, cells, ultrastructure 2163
flag leaf
cell membranes 6262
chloroplasts 8822
composition, boron 3596-3598, 3627
enzymes 4511, 7957
growth regulators 7957
metabolism, fructans 4511
photosynthesis 1528
removal 1514
senescence 7957
greening 3632
growth 4517, 5360
soil compaction 2163-2164
growth regulators 2813
leaf area 1515, 2812
estimation 8686
luminescence 3622
metabolism 847, 1119, 3633, 3676, 5219, 6267, 7136
antioxidants 2788
chlorophyll 808, 3632, 3643, 4519
ethylene 2186
growth regulators 73
polyamines 2186
proteins 1394, 2150, 2154, 3632
morphology 50
osmoregulation 7973
senescence 808, 2154, 2752, 3674, 4519, 5276, 7986, 8790
spectral data 4389
spikes
composition
amino acids 53
nitrogen 53
metabolism
amino acids 53
nitrogen 53
stomata 2807
stomatal movement 1530, 7976
stomatal resistance 2176, 3665, 5474
measurement 2159
temperature 7068
uptake
ammonia 8776
betaine 2677, 7387
water content 849, 4530, 6264
water potential 848, 1524, 2813, 3603, 4530, 5355, 6264, 7973, 7976, 8652, 8819
water relations 8816
light 6240
blue light 4529, 6259, 8814

Wheat *cont.*
light *cont.*
far red light 334, 6250, 7942
interception 4474, 4525, 7397, 7968, 8726, 8766
red light 334, 6250, 7942, 8814
reflectance 93, 7068
models 3684
use efficiency 8766
light intensity 3661-3662, 7141
reviews 4982
lodging 2063, 2749, 2753, 8752, 8769
metabolic inhibitors
chloramphenicol 1785
2,4-dinitrophenol 3510
tetraethylammonium 2153
metabolic regulators
calcium 3660
calmodulin 77, 3660
metabolism
allelochemicals 7939
amino acids 2171
ATP 2078
carbohydrates 1529, 2171, 2363, 3928, 8798
β-carotene 1119
carotenoids 2167, 3633
chlorophyll 2167, 4394, 8636
elements 2171
ethylene 2186, 7130
fatty acids 7136
fungicides 7025
glutathione 4415, 8815
growth regulators 73, 7962
heat shock proteins 2092
herbicides 2147, 2779, 3069, 4497, 8920
IAA 5324
lectins 8798
lipids 1119, 4505, 6267, 7136
models 8815
mycotoxins 4396
nitrates 2191, 8786
nitrites 3510
nitrogen 3624, 6272
nucleic acids 2092
organic acids 3626
oxygen 837
phosphorylation 6240, 6259
polyamines 2186, 3676
polysaccharides 8817
proteins 1394, 2150, 4499, 4512, 5219, 5322, 6238, 6240, 6259, 7954, 8796
redox potential 847
starch 841, 3669, 5312
sucrose 3669
sugars 5312
tryptophan 5324
vomitoxin 8772
zeaxanthin 2167
microclimate 6274, 7068, 7137
mineral nutrition 2170, 8825-8826
aluminium 4505, 5322, 5609
tolerance 4504, 5316, 6238, 7113
toxicity 1508, 3630, 4502, 5305, 5321, 6196, 6237, 7110, 7113, 7944
boron 2784, 3597, 3599, 3627, 3648, 6249
deficiency 3628, 3662, 7948
cadmium 8774
toxicity 2224
calcium 2138, 3633, 4533, 6237
chromium, toxicity 2151
copper 60
toxicity 6239
deficiency, detection 6254
iodine 2681
iron 60
deficiency 835, 4389
toxicity 5305, 5321
lead, toxicity 2224, 3930
lithium 53
magnesium 2138, 2633
deficiency 54, 4389
manganese
deficiency 4389
toxicity 5305, 5321
mercury
tolerance 2825

Wheat *cont.*
mineral nutrition *cont.*
mercury *cont.*
toxicity 2825
molybdenum 2633
nickel
deficiency 8641
toxicity 8361
nitrate 3843, 6236
nitrite 3843
nitrogen 16, 57, 856, 877, 1505, 2078, 2138, 2152, 2168, 2363, 2673, 2815, 3580, 3622-3624, 3678, 3682, 4523, 4531, 5313, 5320, 5323, 6241, 7111, 7147, 7949, 7955, 7987, 8735, 8774
deficiency 3621, 4509, 5319, 8641, 8779, 8781
determination 1744, 4507
foliar diagnosis 14, 2682, 4506, 5314, 7125, 8737
models 797-798
sources 1507, 2191, 3626, 3630, 7141
phosphorus 1506, 1534, 2138, 2673, 3622-3623, 3678, 4531, 5290, 7077, 7945, 7947, 7949, 8745
deficiency 8777, 8779, 8781
foliar diagnosis 5314, 7109, 8777-8780
toxicity 8644
potassium 56-57, 2138, 2673, 2977, 3622-3623, 3678, 4508, 7947
deficiency 8781
foliar diagnosis 5314
selenium, toxicity 4392, 4503
sulfur 2633, 8735
deficiency 63, 4389, 5333, 8781
foliar diagnosis 63
zinc 3625, 4498, 5290, 7945
application methods 6107
deficiency 54, 2782, 2786, 6548, 7105-7106, 7946, 8644, 8773
foliar application 6107
foliar diagnosis 2782
mineral uptake 2748, 3588, 6236
aluminium 9538
sources 1504
cadmium 23, 854, 2977, 4535, 5334, 8642, 8784
caesium 56-57, 2185
calcium 54, 2138, 2872, 4425, 7143
chloride 2182, 7143
chromium 2151, 2785
copper 54, 60, 4384, 7089, 8733
elements 8833
heavy metals 7161
iron 54, 60, 835, 4384, 7089, 9538
lead 737, 854, 8782
magnesium 2138
manganese 54, 1472, 4384, 6188, 7089, 8782, 9538
nickel 8782
nitrogen 11, 52, 55, 802, 807, 809, 1462, 1466, 1470, 1473, 1539, 2138, 2168, 2363, 2749, 2763, 2815, 3488, 3564, 3589, 3682, 4508, 4515, 4529, 4537, 4539, 5265, 5282-5283, 5287, 5298, 5323, 5338, 5578, 6165, 6167, 6180, 6272, 7059, 7112, 7141, 7145, 7240, 7365, 7400, 7815, 7914, 7916, 7920-7921, 8718, 8735, 8779, 8783, 8786, 8803, 8910
determination 4510
sources 3630
phosphorus 11, 55, 802, 807, 1470, 1506, 2138, 2685, 2749, 2763, 3594, 3620, 4508, 4515, 4537, 5300, 5578, 7077, 7079, 7240, 7365, 7400, 7921-7922, 7925, 7945, 8718, 8733, 8745-8746, 8774, 8777, 8779, 8803, 8811
determination, techniques 2787
models 5317
potassium 11, 54-56, 802, 807, 836, 1576, 2138, 2153, 2182, 2749, 2763, 2872, 3843, 3921, 4425,

Wheat *cont.*
mineral uptake *cont.*
potassium *cont.*
4508, 4515, 4537, 5578, 7143, 7400, 7921, 8718, 8747, 8774
rubidium 3843, 6547
selenium 7090
sodium 2182, 2872, 4425, 7143
strontium 5318
sulfur 2633, 7087-7088, 7925, 8735
models 5315
trace elements 6987, 7105
tritium 7985
zinc 4384, 6107, 6190, 7089, 7104, 7106, 7365, 7945-7946, 8782
mixed cropping 9479-9480
mixtures, sunflowers 6160
moisture content 4532
mulches 7902
crop residues 7068
dust 7068
Lantana 6264
Lantana camara 7217, 7921
Leucaena leucocephala 8727
Pinus roxburghii 7921
plastic film 804, 2132, 7068, 7921
rice straw 7904
sawdust 7904
straw 8-9, 2747
stubble 797
multiple cropping 1370, 2669, 4358, 4362, 5185, 6087, 7793, 7798-7799
Cajanus cajan 1375, 3469
cotton 2065, 3337
Crotalaria juncea 3471
Cyamopsis tetragonoloba 1375, 3471
groundnuts 1373, 3469
maize 2739, 3471, 6353
Pennisetum glaucum 5197
rice 4466, 6086, 7010, 8104
sesame 6077
Sesbania aculeata 3471
sorghum 1373, 3469, 7010
soyabeans 3469, 5189, 7010
Vigna mungo 3469, 3471, 5189, 7010
Vigna radiata 1375, 3469, 3471
Vigna unguiculata 3469, 3471
mycorrhizas 1534, 6276, 7400
Acaulospora laevis 2828
Gigaspora margarita 2828
Glomus 5297
Glomus fasciculatum 2828
Sclerocystis dussii 2828
vesicular arbuscular mycorrhizas 3683
mycotoxins 6243
nitrification inhibitors 18, 3591
nitrogen balance 2673, 4365
nitrogen cycle, models 877
nitrogen fixation 856, 3682
growth regulators 7987
rhizosphere 335
nodulation, growth regulators 7987
osmoprotectants, betaine 7387
pest control 47
pesticides 8752
pests 4442
Acarus siro 4441
Anas penelope 47
Aphididae 1500
Deroceras reticulatum 832
Diuraphis noxia 2148-2149
Frankliniella tritici 7108
Heterodera avenae 48
control 8-9
Isoptera, control 965
Metopolophium dirhodum 7938
Sitobion avenae 7939
Solenopsis invicta 7024
Tyrophagus putrescentiae 4441
phloem, translocation 3625
photoperiod 2177, 2365, 5275, 6256, 6260, 7129
photorespiration
growth stages 53
mineral nutrition 53
photosynthesis 50, 1525, 2788, 2797, 3622-3623, 7987
carbon dioxide 5362, 7144
carbon dioxide enrichment 7149, 7986

Wheat *cont.*
photosynthesis *cont.*
carbon pathways 2078, 7977
cultivars 3619
electron transfer 1502, 3669, 7149
enzymes 7941
fertilizers 3581
gas exchange 2693, 3665, 3669, 5362
measurement, techniques 2189
growth regulators 808
growth stages 53
heat stress 1527, 8797
herbicides 8797
hypoxia 7144
inhibitors 5312
light harvesting complexes 1523
mineral nutrition 53-54, 6239
models 6231
photoinhibition 1529, 4499-4500
photosystem I 1523, 7942
photosystem II 1502, 1521, 1523, 2148, 7942
plant density 5276, 6235
pollution 1530
salinity 2183, 5355
seed treatment 6168
shelterbelts 2811
soil amendments 3603
source sink relations 833
temperature 1502, 1527, 1529, 3667, 3669, 5312, 7977
water stress 848-849, 1511, 1521, 1523, 2183, 2812, 3665, 7976, 8797, 8819
water use efficiency 3665
phytotoxicity 7399
plant competition, weeds 764, 830-831, 1480, 1482, 3614, 4495, 5311, 7395, 7935
plant density 2764, 3572-3573, 4473, 5276, 6182, 6235, 7067, 7091, 7392, 9479-9480
plant development 79, 2131, 8793
carbon dioxide 3677
models 2177, 2196, 3639, 8794-8795
photoperiod 2365
temperature 2365
plant height 1457, 2753, 4516
plant morphology
image processing 3531
models 844
pollen, ultrastructure 5332
pollen germination 8802
pollen tubes, growth 8802
pollination 7965
mineral nutrition 3627
pollution
cadmium 854, 1532, 2977, 4534, 7127, 8642
cement dust 2821
factory effluents 8832
heavy metals 6184, 7161
lead 854, 1532
petroleum hydrocarbons 6123
radionuclides 22, 1747, 2185
thallium 1532
precipitation 810, 1450, 2768, 2801, 3594, 3663, 5339, 5344, 5348, 5359, 6166, 6179, 7063, 7132, 7923
production possibilities, India, Haryana 7036
reclamation 9537
relative humidity 834, 3661-3662
relay cropping, maize 4466
remote sensing 93, 3684, 5367-5368, 7032, 9096
identification 6127
mapping 6278
microwave radiation 92
reflectance 8691, 9549
temperature 7137
reproduction 2800
respiration 2191, 3672, 5362
inhibitors 1785
photorespiration 4500
water stress 1521
salinity 2183
water stress 2183, 6230
root exudates
antibacterial properties 1519
composition, lipids 1519

Wheat *cont.*
root exudates *cont.*
malic acid 7110
potassium 3843
rubidium 3843
siderophores 2782
root inoculation
Azospirillum brasilense 7987
Azotobacter chroococcum 856
Corynebacterium 856
Klebsiella 91
root shoot ratio 9091
root systems, carbon dioxide enrichment 7148
rooting depth 4468
roots
accumulation, aluminium 4504
anatomy 4517, 7989
bacteria 2827
cell division 6246
cell membranes
composition 7946
damage 3843
electric potential 54, 4502
ion transport 3921, 4502
metabolism, lipids 3660
cells
plasma membranes
lipid peroxidation 3664
permeability 3664
symplast, aluminium 3656
turgor 3924
composition
aluminium 3656
ATP 7975
elements 6239
glutathione 7151
lead 737
lectins 75
proteins 8824
selenium 4503
cutting 2153
damage 48
herbicides 4496
depth 69, 4530, 6177
development 3575, 6246
distribution 8715
models 8792
electric potential 6270
enzymes 1508, 2780, 2790, 3664, 5327, 8823
growth 48, 68-69, 3621, 3643, 4504, 5331, 5474, 6237, 7105, 7148
bacteria 6276
growth regulators 6976, 8828
models 8792
seed treatment 6976
statistical analysis 70
growth regulators 5474
hypoxia 3672, 6270
initiation 6246, 7955
ion exchange 2153
ion transport 2781
length 69, 4516, 8715
meristems
cell division 71, 6256
models 3641
metabolic inhibitors 2153
metabolism
allelopathins 859
polypeptides 7946
pH 3843
phloem
development 1520
ultrastructure 1520
plasma membranes 3659
composition, lipids 4505
electric potential 4502
ion transport 4502, 6232-6233
respiration 49, 68, 6514
root caps
composition, aluminium 7113
ultrastructure 7113
root hairs 8811
senescence 6177
temperature 8786
ultrastructure 8361
uptake, oxygen, models 6514
water potential 8652
water relations 4530
waterlogging 7989

Wheat *cont.*
rotations 2670, 3475-3476, 3479, 5182, 5263, 6081, 6166, 6964, 7311, 7385, 7795, 7802, 7815, 7818, 8635, 8988, 9496
Astragalus cicer 5265
barley 2068, 3479, 4365, 5261, 6156, 6229, 7899, 8637
potatoes 5281
Bothriochloa ischaemum 5265
Brassica 8715
Brassica juncea 7895
Cajanus cajan 6744
Cicer arietinum 1450, 4365, 5266
Clitoria ternatea 6744
cotton 3588
Desmanthus virgatus 6744
fallow 8, 1450, 1453, 1462, 2759, 2764, 3337, 5266, 5296, 5608, 6162, 6164-6165, 7059, 7061, 7800, 7877, 8720-8721
Glycine latifolia 6744
grasses 3564, 7056
Lablab purpureus 6744
legumes 3564, 7800
Lens culinaris 8715
Linum usitatissimum 1454, 5261, 6165, 6229, 7895-7896
Lolium perenne 7111
Lupinus 5261, 6229
Lupinus albus 4365
Lupinus angustifolius 462, 4365, 4468
Macroptilium atropurpureum 6744
Macroptilium bracteatum 6744
maize 1, 15, 1044, 2068, 3594, 5261, 5608, 6156, 7056, 7072, 7082, 7211, 7894, 7896, 7923, 8743, 8910
Medicago sativa 5265-5266, 6744, 7072
Medicago scutellata 5266
Medicago truncatula 829
models 799
oats 4486, 5261, 6229, 7899
Ornithopus sativus 6229
peas 1454, 4365, 5289, 6156, 7898, 8715, 8717
Pennisetum glaucum 7894
Phacelia 7713
potatoes 1, 2759, 7056, 7896, 7899, 8637, 8717
Prosopis juliflora 2740
rape 1454, 3479, 6162, 7713, 7895
Raphanus sativus var. *oleifera* 8715
Raphanus sativus var. *oleiformis* 7800
rice 1044, 4665, 6170, 8104, 8988
rye 7877
Sinapis alba 7800, 7877
sorghum 1462, 5608, 6744, 7061
Sorghum sudanense 7072
soyabeans 800, 2068, 3083, 3594, 5261, 5289, 7894, 8717, 9108, 9161
Stylosanthes scabra 6744
sugarbeet 3594, 8717
sunflowers 1450
Trifolium pratense 7111, 7899, 8637, 8717
Trifolium repens 1, 7111
Trifolium subterraneum 4468, 5266
Vicia 8715
Vicia faba 1450, 5289
Vicia sativa 5261, 6229
Vigna radiata 6744
Vigna trilobata 6744
row orientation 803, 4474, 6157, 7906, 8726
salinity 82, 1576, 2180-2183, 2819, 2872, 4425, 4533, 5348, 5355-5356, 5358, 7141-7142, 7909, 7982, 8746, 8823-8827
cultivars 5357
models 7374
soil amendments 6193
salt tolerance 4425, 7142
cultivars 2182, 2819, 7143, 7982, 8823-8824
growth stages 7143
seed size 5358

Wheat *cont.*
seed certification 7402
seed injury, irradiation 2829
seed inoculation
Azospirillum 1461, 4481
Azospirillum brasilense 1505, 1534, 3682, 4539, 5365
Azotobacter 1461
strains 6275
Azotobacter chroococcum 3682
Bacillus megaterium 1534
Bacillus polymyxa 5365
bacteria 335
cyanobacteria 335
Glomus fasciculatum 7400
Glomus mosseae 1534, 7400
Glomus versiforme 7400
Pseudomonas aeruginosa 6276
Pseudomonas cepacia 6276
Pseudomonas chlororaphis 5272
Pseudomonas fluorescens 6276
Pseudomonas putida 6276, 6976
seed production, Croatia 2755-2756
seed purity 7402
seed quality 2830, 7402, 7901, 7940
seed set 3599, 4501, 4527
mineral nutrition 3627-3628
temperature 3628
seed testing 2830, 7402
seed treatment
acetic acid 2111
ascorbic acid 2743
Azotobacter 7912
boron 8722
calcium chloride 3633
coatings 5610
dikegulac 2743
fungicides 72, 3565, 3919, 4369, 5269-5270, 7940
growth regulators 71-72, 2799, 3633, 8753, 8796-8797
herbicides 401
irradiation 2830, 3920
magnetic field 4, 716, 5271
osmotic pretreatment 5610, 6168
phosphorus 2743
potassium phosphates 4471
slurries 6170
soaking 1512, 7901, 8753
soaking/drying 1512
succinic acid 8723
tannery waste 4470
zinc 6186
seedbed preparation 4469
seedlings
composition
amino acids 80, 4534, 8818
growth regulators 74
lectins 75
pigments 334
potassium 80
sugars 80, 4534, 8818
cotyledons, growth 3668
development 3071
emergence 3920, 4475, 5258, 5268-5270, 5272, 5291, 7060
seed treatment 5610
enzymes 80, 851, 4534, 6240
etioplasts 5335
growth 71, 2799, 4503, 5362, 7956
heavy metals 2224
light 334
pollution 4534
membranes 5335
metabolism 4497, 8786
amino acids 80, 6108
potassium 80
sugars 80
mineral uptake, selenium 4503
plastids
binding proteins 4526
translocation, proteins 4526
roots, growth 3668
water relations 2799
seeds
aging 5610, 6280, 7901, 9532
aleurone cells, metabolism, phosphorylation 839
anoxia 83, 4754
cells, ribosomes 9532
composition 8832

Wheat *cont.*
seeds *cont.*
composition *cont.*
amino acids 2171-2172
carbohydrates 2171
carbon 2099
elements 2171
gluten 2172
growth regulators 73
lectins 75
lipids 7015
lysine, determination, techniques 3926
nitrogen 2099
phosphorus 5291
proteins 1412, 1509, 2172, 2792, 7124, 7954, 8781
sugars 7124
sulfur 2099
zearalenone 3654-3655
development 2171, 5210, 7916
enzymes 2791
growth regulators 7120, 8799
herbicides 7120
dormancy 2160, 2166, 2796
growth regulators 7120, 8799
herbicides 7120
reviews 3638
embryos
composition
heat shock proteins 2092
nucleic acids 2092
enzymes 62
growth regulators 7964
heat shock 2092
metabolism 2092
emergence 5269
endosperm, enzymes 3635
enzymes 83, 839, 1528, 4754, 7117-7118, 7950
filling 2174, 2176
germination 2160, 3654, 5210, 5269, 5324, 6112, 7066
allelopathins 7122
allelopathy 7121
anoxia 3928
enzymes 2825, 6168, 7114, 7954, 7962
factory effluents 6245
flooding 65
growth regulators 5330, 7120, 7840, 7962-7963
heavy metals 2224
herbicides 401, 7120
inhibitors 7963
maturity stage 9522
mercury 2825
metabolism 842, 1509, 3928, 7962
mineral nutrition 4503
pollution 4534
salinity 2181, 7982
seed treatment 401, 1512, 2799, 2830, 3919-3920, 4470, 5610, 6168, 7901, 8796
storage 4441
temperature 5353
water relations 1512
growth regulators 2166
imbibition 1512, 2792, 5610, 6112
irradiation 2829
maturation 9522
metabolism 2363, 7954
amino acids 2171
carbohydrates 83, 2171
elements 2171
growth regulators 73
moisture content 5210
determination 8684
photosynthesis 1528
plasma membranes, permeability 6280
preharvest sprouting 2160, 2796, 4487
provenance 5291
set 51
size 2792, 5258, 5320, 5358
storage 7901
pests 4441
viability 9522
vigour 7901, 9522

Wheat *cont.*
seeds *cont.*
vigour *cont.*
seed treatment 5610, 6168
water relations 7015, 7124
weight 51, 842, 2174
shelterbelts 2811, 5260, 7972
models 4465
shoot apices, reviews 5329
shoots
cell membranes, metabolism, lipids 3660
composition
lead 737
nitrogen 8779
phosphorus 2828, 8779, 9402
zinc 6186
enzymes 2780, 7114, 8823
growth 7114
meristems
cell division 64
water stress 64
metabolism, herbicides 2147
water content 2813
soil
bacteria 2827
cadmium 4535, 7127-7128, 8784
calcium 2137, 6239
copper 6239
erosion 8765
reviews 2742
iron 6239
lead 6239
lithium 1542
magnesium 6239, 9494
nitrogen 16, 800, 810, 2137, 5263, 5282, 5359, 6097, 6252, 7082, 7895, 7898
phosphorus 2685, 2759, 2762, 3620, 5291, 5359, 6185, 7078, 7082, 7947, 8749, 8785
potassium 2762, 6239, 7947, 9494
soil flora 6182
sulfur 5333
trace elements 6987
requirements, determination 4483
techniques 3629
zinc 6185, 6239
soil amendments
bitumen emulsions 3605
calcium carbonate 6193
calcium chloride 6193
crop residues 4743, 5299, 6191, 9499
dolomite 2768
fluidized bed wastes 3603
gypsum 5300, 6193, 8762
humic acids 3604
lime 22-24, 823, 2137, 3592, 3603, 4378, 5298, 5300, 5305, 6194, 6196, 6973, 8637, 8762, 9538
application methods 8763
residual effects 8761
magnesium 3603
organic amendments 728
paper mill sludge 8764
sawdust 1474
sodium humate 22
straw 6191, 8765
sulfuric acid 6193
zeolites 22, 854
soil compaction 3, 2163-2165, 3588, 5360, 7211, 7858, 8829
soil conservation 3466
reviews 2742
soil fertility 6191, 7082, 9537
soil inoculation
bacteria 7088
fungi 7088
mycorrhizas 2828
Pseudomonas chlororaphis 5272
soil pH 24, 823, 2759, 5305, 6196, 6547, 9538
cultivars 3929
soil physical properties 3588
soil properties 84, 2820, 5268, 6271
soil temperature 5269-5270
soil types 2740, 3589, 5268, 5281, 6156, 7036, 7077, 7983, 8679, 8725, 9095
soil variability 9096
soil water 2815, 3575, 3590, 4537, 5260, 6252, 7066, 7086, 7713, 7800, 8652

Wheat *cont.*
soil water *cont.*
models 797-798, 3637
soil water content 2797, 4531, 5258, 5270, 6165, 6271, 7145, 7972
models 8836
sowing, equipment 6, 2744
sowing date 67, 1457, 1493, 2131, 2139, 2177, 2745, 3566-3567, 3569-3570, 3596-3599, 3648, 4476, 4493, 5274-5275, 5344, 6156, 6170, 7062-7065, 7083, 7897, 7905, 8210, 8733
sowing depth 5258, 5269-5270, 5362, 7934, 7956
equipment 7066
sowing methods 802, 804, 1483, 2138, 2746, 3466, 3487, 4472, 7902, 7934
broadcasting 4494, 4558, 8719
direct sowing 4468, 4494
drilling 8719
oversowing 4558
sowing rates 5, 13, 1457, 1483, 1493, 3571-3573, 3583, 5274, 5276, 6156, 6169, 6172, 7063-7064, 7388, 7396, 7903-7904, 8724-8725, 9181
models 7
space science 853, 1416
spacing 7, 1496, 4474, 4494, 6169, 6171-6172, 6182, 7903, 7906, 8726
models 4475
spikelets, removal 51
spikes
accumulation, nitrogen 2168
composition
boron 3598, 3627-3628, 4390
growth regulators 73
nitrogen 2168
sucrose 834
vomitoxin 8772
zearalenone 3655
development 2752, 5275, 7958
enzymes 7130
initiation 67
metabolism 7130
growth regulators 73
vomitoxin 8772
vascular system 7958
stems
cell walls, composition, phenolic compounds 2803
composition
carbohydrates 51
elements 6239
lignin, determination 8806
selenium 4503
growth 6330
mechanical properties 8812
sterility 841, 3596, 3599, 3651, 4455, 7062, 7948
cultivars 3570, 3597, 3648
fertilizers 3597-3598, 3648
light intensity 3661-3662
male sterility 6263
mineral nutrition 2784, 3648, 6249
boron 3628, 3662
Nepal 3647, 3649
relative humidity 3661-3662
reviews 3645-3646, 3649-3650
sowing date 3570, 3597-3598, 3648
temperature 3628, 3648, 3661-3662
water stress 6249, 6263
waterlogging 6249
straw
composition
cadmium 3473
calcium 2138, 5318, 6193
copper 3473, 6189, 6543
iron 6189, 6543
lead 3473
lignin 8805
determination 8806
magnesium 2138, 6193
manganese 6189, 6543
nickel 3473
nitrogen 2138, 8757
phosphorus 2138, 8757, 8774
potassium 2138, 6193, 8774
proteins 7081
radionuclides 22
sodium 6193

Wheat *cont.*
straw *cont.*
composition *cont.*
strontium 5318
trace elements 6987
vomitoxin 8772
zinc 3473, 6189, 6543
stubble, burning 5267
taxonomy 7887
temperature 67, 78-79, 1412, 1528-1529, 2091, 2170, 2177, 2365, 2818, 3628, 3648, 3650, 3661-3662, 3668, 4424, 5312, 5339, 5353, 6256, 6260, 6265-6268, 6272, 7065, 7086, 7132, 7137-7138, 7977, 7980
heat sums 1487, 5275, 7139
models 85, 89
reviews 4982
tillering 820, 7388, 7396
growth regulators 5331
mineral nutrition 8777
tillers
growth regulators 6247
senescence 6247
topography, slope 8830
translocation
betaine 2677
boron 3650
cadmium 5334
calcium 4533, 7142
carbohydrates 4508
chlorine 7142
cultivars 51
elements 8833
glycerol 5312
isotope fractionation 5320
lanthanum 1503
lead 737
magnesium 7142
manganese 834
nitrogen 52, 55, 2168, 3580, 4508, 5313, 5323, 5338
phosphorus 55, 8778
photosynthates 55, 6234-6235, 7987
potassium 55, 7142
rubidium 3625
sodium 4533, 7142
source sink relations 51, 68, 4501, 5276, 5302, 5312, 6234-6235, 7943
sucrose 834, 5312
tritium 7985
zinc 834, 7104
transpiration 1525, 2795, 2812, 3575, 3636, 3650, 3666, 3924, 8819
antitranspirants 4471
growth regulators 6394
models 3637
pollution 1530
tropisms, gravitropism 6250-6251
undersowing
barley 7392
maize 7392
urease inhibitors, phosphoroamides 8783
vernalization 79, 5275, 7964, 8800
water balance, models 7152
water management 4592
water relations 2158, 2795, 3663, 6255, 8652
soil amendments 3603
water requirements 4402
water stress 77, 841, 848, 850, 877, 1511, 1521-1525, 2158, 2183, 2797, 2812, 2816, 3665-3666, 4509, 4516-4517, 4530-4531, 5345, 5347, 5350-5351, 5474, 6230, 6249, 6262-6264, 7062, 7068-7069, 7080, 7126, 7131, 7387, 7973, 7975-7976, 8796, 8815-8819
cultivars 64, 2176, 5301, 5346
growth stages 849, 2813, 6261
maturity stage 7130
models 7134, 8815
protectants 8797
reviews 4982
water uptake 741, 840, 4417
models 2157, 2794
water use 11, 725, 1375, 2132, 2748, 2812, 7008, 7059, 7061, 7713
models 5240

Wheat *cont.*
water use efficiency 13, 325, 805, 1525, 2747-2748, 2812, 2815, 3636, 4592, 5474, 6179, 7008, 8834
cultivars 2142
growth stages 5320
shelterbelts 2811
waterlogging 65, 3664, 3672, 6249, 7144, 8828
watershed management 7020
weather 328, 2809, 3807
models 2188
weed control 1461
chemical control 8721
cultivation 764, 1491
cultural control 329, 1493-1494, 1496, 4495, 7102, 7877, 7934, 8717, 9499
herbicides 42, 44-45, 1489, 3615, 4474, 4491, 4494-4495, 6182, 7933-7934, 8724
hoeing 1484
integrated control 45, 1479, 1488, 1491, 1496
manual weed control 42, 803, 1481, 1496-1497, 4474, 4494, 6182, 7906, 7932-7933, 8724, 8726
models 7420
mulching 4491
physical control 45, 763
weeds 4442, 7211, 7795
Alopecurus myosuroides 8734
Amaranthus retroflexus 763
Apera spica-venti 1490
Asclepias syriaca 7935
Avena fatua 803, 5311, 7936
Bromus diandrus 829
Bromus secalinus 7, 1486
Bromus tectorum 1480
Chenopodium album 763, 1498, 8770
Consolida orientalis 7121
Echinochloa crus-galli 763
Galium aparine 5311
Lathyrus aphaca 8770
Lolium 829
Lolium rigidum 1485
Lolium temulentum 803
Malva 1485
Myosotis arvensis 45
Phalaris brachystachys 831
Phalaris minor 803, 831, 1482, 1499, 3617, 8770
Polygonum lapathifolium 763
Setaria pumila 763, 1479
Setaria viridis 1479
Sinapis alba 830
Veronica hederifolia 3614, 7395
Vicia hirsuta 5311
Vicia sativa 803
wheel tracks 6167
winter kill
cultivars 5612
sowing date 8210
xylem, pressure 3924
yield components 1457, 1460, 2142, 2144, 3609, 7091, 8834
fertilizers 3581
growth regulators 6248
plant density 4473
pollution 2821
water stress 2813
yield correlations 2143, 3567, 7068
yield forecasting 4507, 7068
models 2188, 3807, 6279, 7961, 8836
yield losses, reviews 767
yields 17
Australia 4449
constraints 5348
mapping 1535
models 2703, 2810, 4540, 5349, 7152, 7988
prediction, models 798
seasonal variation 2144
stability 2144, 4490, 5306
trends 6273
Wheat × maize, pollination 7965
Wind
groundnuts 4426
maize 953, 4426
rice 3023
Sinapis alba 3422

Wind *cont.*
soyabeans 4426
sweet potatoes 4426
Xanthosoma
corms
storage
disorders, reviews 2569
reviews 2570
fertilizers, phosphorus 4227
green manures
Canavalia ensiformis 4233
Crotalaria juncea 4233
Erythrina 4227
Lablab purpureus 4233
Sesbania rostrata 4233
intercropping
Canavalia ensiformis 4233
Crotalaria juncea 4233
Lablab purpureus 4233
Sesbania rostrata 4233
soyabeans 4233
Vigna unguiculata 4233
mineral nutrition 4235
soil amendments, lime 4227
soil types, Western Samoa 4235
Xanthosoma sagittifolium
leaves
leaf area 4231
stomatal resistance 4231
water potential 4231
mineral nutrition
manganese, deficiency 4236
potassium 4231
water stress 4231
water use efficiency 4231
Yams (*see Dioscorea)*
Yield correlations, plant density, models 758
Yields
determination 3542
mapping 3542, 7033-7035, 8689
models 8688
seasonal variation 6984, 8689
soil variability 8631
spatial variation 6984
Yugoslavia
seed production 3484
sugarbeet
cultivars 3283-3284
seed production 3274
Zaire, soyabeans, crop husbandry 3932
Zambia, maize, agroforestry 2878
Zea diploperennis
in vitro culture
regeneration 3927
somatic embryogenesis 3927
pests, rodents 1738
seed banks 1738
seed predation 1738
sowing methods, broadcasting 1738
Zea mays (*see* Maize; Sweetcorn)
Zea mexicana
fertilizers, nitrogen 1043
intercropping, *Vigna unguiculata* 1043
mineral uptake, elements 4755
salinity 4755
Zimbabwe
cassava, production possibilities 2566
farming systems, agroforestry 5191
Pennisetum glaucum, cultivars 3037, 3897
sorghum, cultivars 3037, 3046, 3895, 3897
wheat, cultivars 2143
Zizania palustris
diseases
Cladosporium 901
Eurotium amstelodami 901
Penicillium 901
Rhizopus 901
grain, composition, starch 1003
pests
Rhyzopertha dominica 901
Sitotroga cerealella 901
Tribolium castaneum 901
seeds
cell membranes 7207
desiccation, temperature 7207
storage
diseases 901
pests 901
Zizania palustris *cont.*
seeds *cont.*
storage *cont.*
relative humidity 901
temperature 901

LIST OF SERIALS ABSTRACTED

Listed below are the titles of the serial publications (excluding most annual reports and conference proceedings) abstracted during 1997 for this journal.
Many other serials were scanned during 1997 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1995 edition.* The publication includes ISSNs and publishers' addresses.

ACIAR Food Legume Newsletter
Acta Academiae Agriculturae ac Technicae Olstenensis, Agricultura
Acta Academiae Agriculturae ac Technicae Olstenensis, Oeconomica
Acta Agriculturæ Scandinavica. Section B, Soil and Plant Science
Acta Agriculturae Boreali-Sinica
Acta Agriculturae Nucleatae Sinica
Acta Agriculturae Shanghai
Acta Agriculturae Universitatis Pekinensis
Acta Agriculturae Zhejiangensis
Acta Agrobotanica
Acta Agronomica Hungarica
Acta Agronomica Óváriensis
Acta Agronomica Sinica
Acta Agronómica, Universidad Nacional de Colombia
Acta Amazonica
Acta Biochimica et Biophysica Sinica
Acta Biotheoretica
Acta Botanica Gallica
Acta Botanica Neerlandica
Acta Botanica Sinica
Acta Botanica Yunnanica
Acta Fytotechnica
Acta Horticulturae
Acta Horticulturae Sinica
Acta Microbiologica et Immunologica Hungarica
Acta Mycologica
Acta of Academy of Agricultural Science of the Democratic Peoples Republic, Korea
Acta Operativo-Oeconomica
Acta Pedologica Sinica
Acta Pharmaceutica Sinica
Acta Physiologiae Plantarum
Acta Phytopathologica et Entomologica Hungarica
Acta Phytophylacica Sinica
Acta Phytophysiologica Sinica
Acta Scientiarum Naturalium Universitatis Normalis Hunanensis
Acta Scientiarum Naturalium Universitatis Sunyatseni
Acta Societatis Botanicorum Poloniae
Acta Technologica Agriculturae
Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis
Acta Universitatis Agriculturae Sueciae - Agraria
Acta Veterinaria Brno
Advances in Agricultural Research in India
Advances in Agronomy
Advances in Ecological Research
Advances in Horticultural Science
Advances in Horticulture and Forestry
Advances in Plant Sciences
African Crop Science Journal
Agnote - NSW Agriculture
Agrarforschung
Agribiological Research
Agricoltura Mediterranea
Agricultura Técnica (Santiago)
Agricultura Técnica en México
Agricultura Tropica et Subtropica
Agricultura, Revista Agropecuaria
Agricultural and Food Science in Finland
Agricultural and Forest Meteorology
Agricultural and Resource Economics Review
Agricultural Engineering Australia
Agricultural Reviews (Karnal)
Agricultural Science Digest (Karnal)
Agricultural Science in Finland
Agricultural Systems
Agricultural Water Management
Agriculture et Développement
Agriculture, Ecosystems & Environment
AgriScientia
Agrivita
Agro Food Industry Hi-Tech
Agro Sur
Agro-Ciencia
Agrochémia (Bratislava)
Agrochimica
Agrociencia
Agroforestry Systems
Agrokémia és Talajtan
Agrokhimiya
Agronomia Mesoamericana
Agronomía Tropical (Maracay)
Agronomie
Agronomski Glasnik
Agronomy Journal
Agropecuária Catarinense
Agropedology
AI Applications
AIAS Occasional Publication
Al Awamia
Alexandria Journal of Agricultural Research
Alimentaria
Alimentos e Nutrição
Allelopathy Journal
AMA, Agricultural Mechanization in Asia, Africa and Latin America
American Journal of Alternative Agriculture
American Journal of Botany
American Potato Journal
Ames Forester
Anadolu
Anais da Sociedade Entomológica do Brasil
Anale Institutul de Cercetări pentru Legumicultură şi Floricultură, Vidra
Analele Institutului de Cercetări pentru Cereale şi Plante Tehnice, Fundulea
Anales de Botanica Agricola
Anales del Instituto de Biología. Serie Botánica
Anales del Jardín Botánico de Madrid
Analyst
Analytica Chimica Acta
Analytical Chemistry (Washington)
Analytical Sciences
Angewandte Botanik
Animal Feed Science and Technology
Annales du Tabac. Section 2
Annales Universitatis Mariae Curie-Skłodowska. Sectio E, Agricultura
Annales Universitatis Mariae Curie-Skłodowska. Sectio EEE, Horticultura
Annals of Agri Bio Research
Annals of Agricultural Research
Annals of Agricultural Science (Cairo)
Annals of Agricultural Science, Moshtohor
Annals of Applied Biology
Annals of Arid Zone
Annals of Bangladesh Agriculture
Annals of Biology (Ludhiana)
Annals of Botany
Annals of Plant Physiology
Annals of Plant Protection Sciences
Annals of the Entomological Society of America
Annals of Warsaw Agricultural University, Agriculture
Annual Report - Australian Centre for International Agricultural Research
Annual Report of the Society of Plant Protection of North Japan
Annual Review of Phytopathology
Annual Review of Plant Physiology and Plant Molecular Biology
Applied and Environmental Microbiology
Applied Biochemistry and Biotechnology. Part A, Enzyme Engineering and Biotechnology
Applied Engineering in Agriculture
Applied Geochemistry
Applied Geography (Sevenoaks)
Applied Plant Science
Applied Soil Ecology
Arab Gulf Journal of Scientific Research
Arab Universities Journal of Agricultural Sciences
Archives des Sciences (Geneva)
Archives of Biochemistry and Biophysics
Archives of Phytopathology and Plant Protection
Archivos Latinoamericanos de Nutrición

Arid Land Geography
Arid Soil Research and Rehabilitation
Arquivo do Agrônomo
Arquivos de Biologia e Tecnologia
Arroz
Aspects of Applied Biology
Assiut Journal of Agricultural Sciences
Atmospheric Environment
Australasian Agribusiness Review
Australian Cottongrower
Australian Crop Report - Australian Bureau of Agricultural and Resource Economics
Australian Journal of Agricultural Research
Australian Journal of Botany
Australian Journal of Experimental Agriculture
Australian Journal of Plant Physiology
Australian Journal of Soil and Water Conservation
Australian Journal of Soil Research
Austrobaileya
Avance Agroindustrial
Bangladesh Journal of Plant Pathology
Bangladesh Journal of Scientific and Industrial Research
BASE: Biotechnologie, Agronomie, Société et Environnement
Beijing Agricultural Sciences
Beiträge zur Biologie der Pflanzen
Beiträge zur Tabakforschung International
Beiträge zur Züchtungsforschung - Bundesanstalt für Züchtungsforschung an Kulturpflanzen
Betodlaren
Better Crops with Plant Food
Betteravier (Bruxelles)
Bharatiya Sugar
Bhartiya Krishi Anusandhan Patrika
Biochemical and Biophysical Research Communications
Biochemical Journal (London)
Biochemical Society Transactions
Biochemical Systematics and Ecology
Biochemistry and Molecular Biology International
Biochimica et Biophysica Acta, Protein Structure and Molecular Enzymology
BioCycle
Biodegradation
Biológia (Bratislava)
Biologia Plantarum
Biological & Pharmaceutical Bulletin
Biological Agriculture & Horticulture
Biological Trace Element Research
Biologija
Biologisches Zentralblatt
Biology and Fertility of Soils
Biology Bulletin of the Russian Academy of Sciences
Biomass and Bioenergy
BioMetals
Bioresource Technology
Bioscience Reports
Bioscience, Biotechnology and Biochemistry
Biotechnology and Genetic Engineering Reviews
Biotechnology Techniques
Biotronics
BIOTROP Special Publication
Biotropica
Biuletyn Instytutu Hodowli i Aklimatyzacji Roślin
Biuletyn Instytutu Ziemniaka
Blumea
Bodenkultur
Boletim da Faculdade de Ciências Agrárias do Pará
Boletim de Pesquisa - Centro de Pesquisa Agropecuária dos Cerrados
Boletín Técnico - Estación Experimental Agropecuaria, Balcarce
Botanic Gardens Micropropagation News
Botanica Acta
Botanica Marina
Botanical Bulletin of Academia Sinica
Botanicheskiĭ Zhurnal
Boundary-Layer Meteorology
Bragantia
Brazilian Journal of Genetics
Breeding Science
British Sugar Beet Review
Buletinul Universităţii de Ştiinţe Cluj-Napoca. Seria Agricultura şi Horticultură
Bulgarian Journal of Agricultural Science
Bulletin - Arkansas Agricultural Experiment Station
Bulletin - Mississippi Agricultural and Forestry Experiment Station
Bulletin - Pusat Penelitian Perkebunan Gula Indonesia
Bulletin des Séances, Académie Royale des Sciences d'Outre-Mer
Bulletin of Environmental Contamination and Toxicology
Bulletin of Faculty of Agriculture, University of Cairo
Bulletin of Taichung District Agricultural Improvement Station
Bulletin of the Chugoku National Agricultural Experiment Station
Bulletin of the Experimental Farm College of Agriculture, Ehime University
Bulletin of the Faculty of Agriculture, Kagoshima University
Bulletin of the Faculty of Agriculture, Meiji University
Bulletin of the Faculty of Agriculture, Niigata University
Bulletin of the Faculty of Agriculture, Saga University
Bulletin of the Faculty of Agriculture, Shimane University
Bulletin of the Faculty of Agriculture, Tottori University
Bulletin of the Gunma Agricultural Experiment Station
Bulletin of the Hiroshima Prefectural Agriculture Research Center
Bulletin of the Institute of Tropical Agriculture, Kyushu University
Bulletin of the Kyushu National Agricultural Experiment Station
Bulletin of the National Research Centre (Cairo)
Bulletin of the Research Institute for Bioresources, Okayama University
Bulletin of the Tohoku National Agricultural Experiment Station
Bulletin of the University of Agricultural Sciences, Gödöllő
Cahiers Agricultures
California Agriculture
Caña de Azúcar
Canadian Agricultural Engineering
Canadian Journal of Botany
Canadian Journal of Microbiology
Canadian Journal of Plant Science
Canadian Journal of Soil Science
Carbohydrate Research
CEIBA
Cellular and Molecular Biology
Centro Agrícola
Cercetări Agronomice în Moldova
Cereal Chemistry
Cereal Research Communications
Chemical and Pharmaceutical Bulletin
Chemical Regulation of Plants
Chemistry and Industry of Forest Products
Chemistry of Natural Compounds
Chemosphere
China Cottons
China Rice
China Vegetables
China's Fibre Crops
Chinese Journal of Agrometeorology
Chinese Journal of Applied Ecology
Chinese Journal of Chromatography
Chinese Journal of Rice Science
Chittagong University Studies, Science
Chromatographia
CIAT African Occasional Publications Series
Ciencia del Suelo
Ciência e Cultura (São Paulo)
Ciencia e Investigación Agraria
Ciência Rural
Científica (Jaboticabal)
Circular Técnica - Centro de Pesquisa Agropecuária dos Cerrados
Circular Técnica - Centro Nacional de Pesquisa de Milho e Sorgo
Circular Técnica - EMBRAPA Centro de Pesquisa Agropecuaria do Oeste
Climate Change Newsletter
Climate Research
Climatic Change
Colture Protette
Communications in Soil Science and Plant Analysis
Comparative Biochemistry and Physiology. A, Physiology
Compost Science & Utilization
Comptes Rendus de l'Académie d'Agriculture de France
Comptes Rendus de l'Académie des Sciences. Série III, Sciences de la Vie
Comptes Rendus des Séances de la Société de Biologie et de ses Filiales
Computers & Geosciences
Computers and Electronics in Agriculture
Comunicado Técnico - EMCAPA
Contour (Jakarta)
Cooperative Sugar
Cosun Magazine
CRC Critical Reviews in Food Science and Nutrition
Critical Reviews in Biotechnology
Critical Reviews in Plant Sciences
Crop Genetic Resources
Crop Improvement
Crop Protection
Crop Research (Hisar)
Crop Science
CRRN, Chinese Rice Research Newsletter
Cruciferae Newsletter
Cryo-letters
CSM Informatie
Cuban Journal of Agricultural Science
Cukoripar
Cultivar (Rueil - Malmaison)
Cultivar, Hors Série
Cultivos Tropicales
Current Agricultural Research
Current Agriculture

Current Opinion in Biotechnology
Current Research - University of Agricultural Sciences (Bangalore)
Current Science
Cytobios
Cytologia
Difesa delle Piante
Documentos - Centro Nacional de Pesquisa de Soja, EMBRAPA
Documentos - EMBRAPA Centro de Pesquisa Agropecuaria do Oeste
Documents de Travail du CIRAD-CA
Doklady Akademii Nauk Belarusi
Down to Earth (Midland)
Ecological Modelling
Ecological Research
Ecossistema
Ecotoxicology and Environmental Safety
Eesti Teaduste Akadeemia Toimetised, Bioloogia
Eesti Teaduste Akadeemia Toimetised, Ökoloogia
Ege Üniversitesi Ziraat Fakültesi Dergisi
Egyptian Journal of Agricultural Research
Egyptian Journal of Botany
Egyptian Journal of Horticulture
Egyptian Journal of Physiological Sciences
Egyptian Journal of Soil Science
EMBO Journal
Energy Conversion and Management
Environment and Ecology
Environment Control in Biology
Environment International
Environmental and Experimental Botany
Environmental Entomology
Environmental Pollution
Environmental Reviews
Environmental Science & Technology
Environmental Science and Pollution Research International
Environmental Toxicology and Chemistry
Enzyme and Microbial Technology
Euphytica
Eurasian Soil Science
European Journal of Agronomy
European Journal of Biochemistry
European Newsletter on Organic Farming
Experimental Agriculture
FABIS Newsletter
Farmers' Newsletter, Large Area
Farming Systems
FASEB Journal
FAT-Berichte, Switzerland
FEBS Letters
Fertiliser Marketing News
Fertiliser News
Fertilizer Research
Fett Wissenschaft Technologie
Field Crop Abstracts
Field Crops Research
Fitopatología
Fitopatologia Brasileira
Fiziologiya i Biokhimiya Kul'turnykh Rasteniĭ
Flora and Fauna (Jhansi)
Folia Entomologica Hungarica
Folia Microbiologica
Food Chemistry
Food Research International
Food Science and Technology International/Ciencia y Tecnología de Alimentos
Förderungsdienst
Forest Ecology and Management
Forest Research
Fragmenta Floristica et Geobotanica
Fragmenta Phytomedica et Herbologica
Fresenius Environmental Bulletin
Functional Ecology
Garcia de Orta. Série de Estudos Agronómicos
Gartenbauwissenschaft
Gazeta Cukrownicza
Gefahrstoffe Reinhaltung der Luft
Genes & Development
Genetic Resources and Crop Evolution
Genetika a Šlechtění
Geoderma
Gesunde Pflanzen
Getreide Magazin
Gewasbescherming
Gibier Faune Sauvage
Global Biogeochemical Cycles
Global Change and Terrestrial Ecosystems Report
Global Change Biology
Global Ecology and Biogeography Letters
Global Journal of Pure and Applied Sciences
Godišen Zbornik na Zemjodelskiot Fakultet - Univerzitet, St. Kiril i Metodij, Skopje
Grøn Viden, Landbrug
Grass and Forage Science
Grassland of China
Grassland Science
Guangdong Agricultural Sciences
Gujarat Agricultural University Research Journal
Harvest (Port Moresby)
Haryana Agricultural University Journal of Research
Haryana Journal of Horticultural Science
Helia
Hellenic Sugar Industry
Hemijska Industrija
Herba Polonica
HGCA Oilseeds Project Report
HGCA Oilseeds Research Review
Highlights of Agricultural Research - Alabama Agricultural Experiment Station
Hodowla Roślin, Aklimatyzacja i Nasiennictwo
Horticultura Argentina
Horticultura Brasileira
Horticultural Journal
Horticultural Science
HortScience
HortTechnology
Human Ecology (New York)
IAR Newsletter of Agricultural Research
ICAR News - Science and Technology Newsletter
ICFR Bulletin Series
ICRISAT Information Bulletin
Indian Agriculturist
Indian Cocoa, Arecanut and Spices Journal
Indian Forester
Indian Journal of Agricultural Economics
Indian Journal of Agricultural Research
Indian Journal of Agricultural Sciences
Indian Journal of Agronomy
Indian Journal of Biochemistry & Biophysics
Indian Journal of Ecology
Indian Journal of Entomology
Indian Journal of Experimental Biology
Indian Journal of Forestry
Indian Journal of Genetics & Plant Breeding
Indian Journal of Microbiology
Indian Journal of Mycology and Plant Pathology
Indian Journal of Plant Physiology
Indian Journal of Pulses Research
Indian Journal of Soil Conservation
Indian Journal of Virology
Indian Sugar
Indonesian Agricultural Research & Development Journal
Indonesian Journal of Crop Science
Industria Saccarifera Italiana
Industrial Crops and Products
Industrija Šećera
Informações Agronômicas
Informations-Forêt, Afocel-Armef
Informativo de Tecnología Agropecuaria para la Región Semiárida Pampeana
Informatore Agrario
Informatore Agrario Supplemento
Informatore Fitopatologico
Informe Agropecuário (Belo Horizonte)
Inligtingsbulletin - Instituut vir Tropiese en Subtropiese Gewasse
Insect Environment
International Agricultural Engineering Journal
International Agrophysics
International Arachis Newsletter
International Biodeterioration & Biodegradation
International Chickpea and Pigeonpea Newsletter
International Journal of Biometeorology
International Journal of Climatology
International Journal of Food Science & Technology
International Journal of Pest Management
International Journal of Plant Sciences
International Journal of Remote Sensing
International Journal of Sustainable Development and World Ecology
International Pest Control
International Rice Commission Newsletter
International Rice Research Notes
International Sorghum and Millets Newsletter
International Sugar Journal (Worldwide Sugar Edition)
International Tree Crops Journal
Investigación Agraria, Producción y Protección Vegetales
IPI Bulletin
IPI-Research Topics
Iranian Journal of Agricultural Sciences
Irish Journal of Agricultural and Food Research
Irrigation and Drainage Systems
Irrigation Science
Irrigazione e Drenaggio
Israel Agritechnology Focus
Israel Journal of Plant Sciences

Italian Journal of Agronomy
Italus Hortus
Izvestiya Timiryazevskoĭ Sel'skokhozyaĭstvennoĭ Akademii
Japanese Journal of Applied Entomology and Zoology
Japanese Journal of Crop Science
Japanese Journal of Soil Science and Plant Nutrition
Japanese Journal of Tropical Agriculture
JARQ, Japan Agricultural Research Quarterly
JASSA, Journal of Applied Science in Southern Africa
Jiangsu Agricultural Sciences
Jiangsu Journal of Agricultural Sciences
Journal - American Society of Sugar Cane Technologists
Journal for Farming Systems Research-Extension
Journal of Agricultural & Environmental Ethics
Journal of Agricultural and Food Chemistry
Journal of Agricultural Engineering Research
Journal of Agricultural Entomology
Journal of Agricultural Research of China
Journal of Agricultural Science
Journal of Agricultural Science, Tokyo Nogyo Daigaku
Journal of Agricultural, Biological, and Environmental Statistics
Journal of Agriculture and Forestry
Journal of Agriculture of the University of Puerto Rico
Journal of Agronomy and Crop Science
Journal of Animal and Feed Sciences
Journal of AOAC International
Journal of Applied Biology
Journal of Applied Ecology
Journal of Applied Entomology
Journal of Applied Phycology
Journal of Applied Seed Production
Journal of Arid Environments
Journal of Biochemistry (Tokyo)
Journal of Biogeography
Journal of Biological Chemistry
Journal of Biological Physics
Journal of Biosciences
Journal of Biotechnology
Journal of Cell Biology
Journal of Cereal Science
Journal of China Agricultural University
Journal of Contaminant Hydrology
Journal of Ecobiology
Journal of Economic Entomology
Journal of Ecotoxicology & Environmental Monitoring
Journal of Entomological Research
Journal of Entomological Science
Journal of Environmental Biology
Journal of Environmental Management
Journal of Environmental Quality
Journal of Environmental Radioactivity
Journal of Environmental Science and Health. Part A, Environmental Science and Engineering & Toxic and Hazardous Substance Control
Journal of Experimental Botany
Journal of Fermentation and Bioengineering
Journal of Food Composition and Analysis
Journal of Food Science and Technology (Mysore)
Journal of Fujian Agricultural University
Journal of Genetics & Breeding
Journal of Hebei Agricultural University
Journal of Henan Agricultural Sciences
Journal of Hill Research
Journal of Horticultural Science
Journal of Huazhong Agricultural University
Journal of Insect Science
Journal of Irrigation and Drainage Engineering
Journal of Jiangsu Agricultural College
Journal of Jilin Agricultural University
Journal of Laiyang Agricultural College
Journal of Living World
Journal of Maharashtra Agricultural Universities
Journal of Microscopy
Journal of Molecular Biology
Journal of Nanjing Agricultural University
Journal of Nanjing Institute of Meteorology
Journal of Natural Resources and Life Sciences Education
Journal of Nematology
Journal of Northeast Agricultural University (Chinese Edition)
Journal of Northeast Agricultural University (English Edition)
Journal of Nuclear Agriculture and Biology
Journal of Oilseeds Research
Journal of Pesticide Science
Journal of Phytological Research
Journal of Plant Growth Regulation
Journal of Plant Nutrition
Journal of Plant Physiology
Journal of Plant Resources and Environment
Journal of Potassium Research
Journal of Production Agriculture
Journal of Rakuno Gakuen University, Natural Science
Journal of Research APAU
Journal of Research, Birsa Agricultural University
Journal of Research, Punjab Agricultural University
Journal of Root Crops
Journal of Shandong Agricultural University
Journal of Shanghai Agricultural College
Journal of Society of High Technology in Agriculture
Journal of Soil and Water Conservation
Journal of Soils and Crops
Journal of South China Agricultural University
Journal of South Pacific Agriculture
Journal of Southwest Agricultural University
Journal of Spices and Aromatic Crops
Journal of Sustainable Agriculture
Journal of the Agricultural Science Society of North East India
Journal of the Agricultural Society - University of Wales
Journal of the American Oil Chemists' Society
Journal of the American Society for Horticultural Science
Journal of the American Society of Brewing Chemists
Journal of the Chinese Agricultural Chemical Society
Journal of the Faculty of Agriculture, Iwate University
Journal of the Faculty of Agriculture, Kyushu University
Journal of the Indian Potato Association
Journal of the Indian Society of Soil Science
Journal of the International Hemp Association
Journal of the Japanese Society for Horticultural Science
Journal of the Japanese Society of Agricultural Machinery
Journal of the Korean Society for Horticultural Science
Journal of the Korean Society of Grassland Science
Journal of the Mississippi Academy of Sciences
Journal of the Royal Agricultural Society of England
Journal of the Science of Food and Agriculture
Journal of Thermal Biology
Journal of Tropical Agriculture
Journal of Tropical and Subtropical Botany
Journal of Turkish Phytopathology
Journal of Vegetable Crop Production
Journal of Vegetation Science
Journal of Weed Science and Technology
Journal of Wildlife Management
Journal of Zhejiang Agricultural University
Kaen Kaset = Khon Kaen Agriculture Journal
Karnataka Journal of Agricultural Sciences
Karoka
Kartofel' i Ovoshchi
Kartoffelbau
Kasetsart Journal, Natural Sciences
Kew Bulletin
Khimiya v Sel'skom Khozyaĭstve
Korean Journal of Crop Science
Korean Journal of Plant Pathology
Korean Journal of Weed Science
KTBL-Schrift
Kühn-Archiv
Kukuruza i Sorgo
Kungl. Skogs- och Lantbruksakademiens Tidskrift
Land Degradation & Development
Landbauforschung Völkenrode
Landtechnik
Lavoura Arrozeira
Lazaroa
Lebensmittel-Wissenschaft & Technologie
Legume Research
Lens Newsletter
Lipids
Listy Cukrovarnické a Řepařské
Louisiana Agriculture
Lucrări Ştiinţifice - Universitatea de Ştiinţe Agronomice Bucureşti. Seria A, Agronomie
Macchine e Motori Agricoli
Madras Agricultural Journal
Maize Genetics Cooperation Newsletter
Majalah Penelitian Gula
Marine & Highland Bioscience Center Report
Materiały Sesji Instytutu Ochrony Roślin
Maydica
Meddelande - Jordbrukstekniska Institutet
Mededeling - Provinciaal Onderzoek- en Voorlichtingscentrum voor Land- en Tuinbouw, Beitem-Roeselare
Mededelingen - Faculteit Landbouwkundige en Toegepaste Biologische Wetenschappen, Universiteit Gent
Mekhanizatsiya i Elektrifikatsiya Sel'skogo Khozyaĭstva
Memoirs of Faculty of Agriculture, Kagawa University
Memoirs of the College of Agriculture, National Taiwan University
Memoirs of the Faculty of Agriculture, Hokkaido University
Meststoffen
Metodiky pro Zemědělskou Praxi
Microbiological Research
Microbiology (New York)
Microbiology (Reading)
Microbios

Mitteilungen aus dem Gebiete der Lebensmitteluntersuchung und Hygiene
Mokuzai Gakkaishi = Journal of the Japan Wood Research Society
Molecular and General Genetics
Molecular Plant-Microbe Interactions
Mühle + Mischfuttertechnik
Mycopathologia
Mycoscience
Mysore Journal of Agricultural Sciences
Nachrichtenblatt des Deutschen Pflanzenschutzdienstes
Nahrung
Natural Toxins
Nature (London)
Naturwissenschaften
Nematologia Mediterranea
Nematropica
Netherlands Journal of Agricultural Science
Network Paper - Agricultural Administration (Research and Extension) Network
Neue Landwirtschaft
New Farmer & Grower
New Phytologist
New Zealand Journal of Crop and Horticultural Science
Ningxia Journal of Agricultural and Forestry Science and Technology
Nippon Eiyo Shokuryo Gakkaishi = Journal of the Japanese Society of Nutrition and Food Science
Nippon Nogeikagaku Kaishi
Nitrogen Fixing Tree Research Reports
Nordic Hydrology
Nordisk Jordbruksforskning
Norsk Landbruksforsking
Norwegian Journal of Agricultural Sciences
Növényvédelem
Nutrient Cycling in Agroecosystems
Ochrana Rostlin
OCL - Oléagineux, Corps Gras, Lipides
Oecologia
Oikos
Oil Crops of China
Oléoscope
Onderzoek- en Voorlichtingscentrum voor Land- en Tuinbouw-Beitem-Roeselare, Doperwt, Droge Erwt, Stamslaboon
Ondokuzmayis Universitesi, Ziraat Fakultesi Dergisi
Orissa Journal of Horticulture
Outlook on Agriculture
PAC Technical Paper - Pakhribas Agricultural Centre
Pakistan Journal of Botany
Pakistan Journal of Phytopathology
Pakistan Journal of Scientific and Industrial Research
Pakistan Sugar Journal
Palawija News
Pamiętnik Puławski
Paper - American Society of Agricultural Engineers
Pasturas Tropicales
PAV Bulletin Akkerbouw
PE&RS, Photogrammetric Engineering & Remote Sensing
Pea & Bean Progress
Pedosphere
Pelita Perkebunan
Periodicum Biologorum
Pesquisa Agropecuária Brasileira
Pesquisa Agropecuária Gaúcha
Pesquisa em Andamento - Centro Nacional de Pesquisa do Algodão
Pest Management in Horticultural Ecosystems
Pesticide Biochemistry and Physiology
Pesticide Science
PGRSA Quarterly
Pharmazie
Philippine Journal of Science
Photosynthesis Research
Photosynthetica
Physiologia Plantarum
Phytochemical Analysis
Phytochemistry
Phytomorphology
Phyton (Buenos Aires)
Phyton (Horn)
Phytoparasitica
Pishchevaya Promyshlennost'
PKV Research Journal
Plant and Cell Physiology
Plant and Soil
Plant Breeding
Plant Breeding and Seed Science
Plant Cell
Plant Cell Reports
Plant Cell, Tissue and Organ Culture
Plant Disease
Plant Disease Research
Plant Ecology
Plant Foods for Human Nutrition
Plant Growth Regulation
Plant Journal
Plant Material Description
Plant Molecular Biology
Plant Molecular Biology Reporter
Plant Pathology
Plant Physiology
Plant Physiology & Biochemistry (New Delhi)
Plant Physiology and Biochemistry (Paris)
Plant Physiology Communications
Plant Protection
Plant Protection Quarterly
Plant Science (Limerick)
Plant Varieties & Seeds
Plant Varieties Journal
Plant, Cell and Environment
Planta
Planta Daninha
Pochvoznanie, Agrokhimiya y Ekologiya
Polish Journal of Environmental Studies
Polish Journal of Food and Nutrition Sciences
Polish Journal of Soil Science
Poljoprivreda
Poljoprivredna Znanstvena Smotra
Postharvest Biology and Technology
Potato Research
Prace Instytutów i Laboratoriów Badawczych Przemysłu Spożywczego
Prace z Zakresu Nauk Rolniczych
Prehrambena Industrija: Industrija Secera
Probleme de Agrofitotehnie Teoretică şi Aplicată
Problemy Inzynierii Rolniczej
Proceedings - Soil and Crop Science Society of Florida
Proceedings Annual Conference - Agronomy Society of New Zealand
Proceedings of Faculty of Agriculture, Kyushu Tokai University
Proceedings of the Annual Congress - South African Sugar Technologists' Association
Proceedings of the Indian National Science Academy. Part B, Biological Sciences
Proceedings of the Japanese Society of Sugar Beet Technologists
Proceedings of the National Academy of Sciences of the United States of America
Protoplasma
Publicación Miscelánea - Estación Experimental Agro-Industrial 'Obispo Colombres' de Tucumán
Publicatie - Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond, Lelystad
Punjab Vegetable Grower
Qatar University Science Journal
Quality of Australian Canola
Range Management & Agroforestry
RAPA Publication
Rapport - Avdelningen för Vaxtnäringslära, Institutionen för Markvetenskap, Sveriges Lantbruksuniversitet
Rasteniev"dni Nauki
Rastitel'nye Resursy
RDA Journal of Agricultural Science, Biotechnology
RDA Journal of Agricultural Science, Crop Protection
RDA Journal of Agricultural Science, Farm Management, Sericulture, Agri. Engineering, Farm Products Utilization, Mushrooms, Others
RDA Journal of Agricultural Science, Horticulture
RDA Journal of Agricultural Science, Rice
RDA Journal of Agricultural Science, Soil & Fertilizer
RDA Journal of Agricultural Science, Upland & Industrial Crops
Recent Horticulture
Remote Sensing of Environment
Report - Research Institute for Agrobiology and Soil Fertility
Report - Winand Staring Centre for Integrated Land, Soil and Water Research
Report of the Kyushu Branch of the Crop Science Society of Japan
Report of the Soy Protein Research Committee (Japan)
Report of the Taiwan Sugar Research Institute
Report of the Tokai Branch of the Crop Science Society of Japan
Report Series - Arkansas Agricultural Experiment Station
Research Bulletin of the Aichi-ken Agricultural Research Center
Research Bulletin of the Panjab University, Science
Research Report - Georgia Agricultural Experiment Stations
Research Report - Mississippi Agricultural and Forestry Experiment Station
Research Series - Arkansas Agricultural Experiment Station
Research Topics - International Potash Institute
Resource, Engineering & Technology for a Sustainable World
Resources, Conservation and Recycling
Review of Research Work at the Faculty of Agriculture, Belgrade
Revista Argentina de Microbiología
Revista Brasileira de Agrometeorologia
Revista Brasileira de Ciência do Solo
Revista Brasileira de Fisiologia Vegetal
Revista Brasileira de Sementes
Revista Ceres
Revista Colombiana de Entomología
Revista de Agricultura (Piracicaba)

Revista de la Facultad de Agronomía (La Plata)
Revista de la Facultad de Agronomía (Universidad de Buenos Aires)
Revista de la Facultad de Agronomía, Universidad del Zulia
Revista de la Facultad de Ciencias Agrarias, Universidad Nacional de Cuyo
Revista de Microbiologia
Revista Fitotecnia Mexicana
Revista Industrial y Agrícola de Tucumán
Revista Latinoamericana de Microbiología
Revista UNIMAR
Revue Agricole et Sucrière de l'Île Maurice
Revue Suisse d'Agriculture
Rivista di Agronomia
Rivista di Frutticoltura e di Ortofloricoltura
Rivista di Ingegneria Agraria
Rivista Italiana EPPOS
Roczniki Gleboznawcze
Roczniki Nauk Rolniczych. Seria A, Produkcja Roślinna
Roczniki Państwowego Zakładu Higieny
Romanian Agricultural Research
Rośliny Oleiste
Rostlinná Výroba
Russian Agricultural Sciences
Russian Journal of Ecology
Russian Journal of Plant Physiology
SA Waterbulletin
Sakharnaya Svekla
Sarhad Journal of Agriculture
Sbornik - Jihoceska Univerzita Zemedelska Fakulta, Ceske Budejovice. Fytotechnicka Rada
Schriftenreihe - Institut für Organischen Landbau
Schriftenreihe des Bundesministeriums für Ernährung, Landwirtschaft und Forsten. Reihe A, Angewandte Wissenschaft
Science (Washington)
Science Bulletin of the Faculty of Agriculture, Kyushu University
Science of the Total Environment
Scientia Agricola
Scientia Agricultura Sinica
Scientia Agriculturae Bohemica
Scientia Horticulturae
Scientific Reports of the Faculty of Agriculture, Okayama University
Scientific Studies - Research Institute for Fodder Plants (Troubsko)
Seed and Plant
Seed Research
Seed Science and Technology
Seed Science Research
Sel'skokhozyaĭstvennaya Biologiya
Selekcija i Semenarstvo
Sementi Elette
Série Divulgação - Instituto de Protecção Agro-Alimentar
Serie Técnica - CENICANA, Centro de Investigación de la Caña de Azúcar de Colombia
Sexual Plant Reproduction
Sinet, an Ethiopian Journal of Science
Sjemenarstvo
SOB Informa
Sodobno Kmetijstvo
Soil & Tillage Research
Soil and Water Journal
Soil Biology & Biochemistry
Soil Science and Plant Nutrition
Soil Science Society of America Journal
Soil Survey Horizons
Soil Technology
Soil Use and Management
Soils and Fertilizers (Beijing)
South African Journal of Botany
South African Journal of Plant and Soil
South African Journal of Science
South Indian Horticulture
Soybean Genetics Newsletter
Soybean Science
SP Rapport - Statens Planteavlsforsøg
Special Publication - Taichung District Agricultural Improvement Station
Special Report - Agricultural Experiment Station, Division of Agriculture, University of Arkansas
Statistical Bulletin - United States Department of Agriculture
Sugar Cane
Sugar Journal
Sugar y Azúcar
Sulphur in Agriculture
Svensk Frötidning
Swedish Journal of Agricultural Research
Sweetpotato Research Front
Symbiosis (Rehovot)
Taiwan Agriculture
Taiwan Sugar
Taiwania
Tarim ve Koyisleri Bakanligi Dergisi
Technical Bulletin - Cyprus Agricultural Research Institute
Technical Bulletin - Northern Territory, Department of Primary Industry and Fisheries
Technical Bulletin of the Faculty of Agriculture, Kagawa University
Technical Paper - Lumle Agricultural Centre
Technique Agricole
Tecnica Molitoria
Teelthandleiding - Praktijkonderzoek voor de Akkerbouw en de Vollegrondsgroenteteelt
Teelthandleiding - Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond
Terra e Sole
Theoretical and Applied Genetics
Tissue & Cell
Tobacco Research
Tohoku Journal of Crop Science
Tohoku Nogyo Shikenjo Kenkyu Shiryo = Miscellaneous Publication of the Tohoku National Agricultural Experiment Station
Traktory i Sel'skokhozyaĭstvennye Mashiny
Transactions of the Chinese Society of Agricultural Engineering
Trends in Ecology & Evolution
Trends in Food Science & Technology
Trends in Plant Science
Tropenlandwirt
Tropical Agriculture
Tropical Agriculturist
Tropical Ecology
Tropical Fruits Newsletter
Tropical Resource Management Papers
Tropical Science
Tropicultura
Tsitologiya
Tuexenia
Turkish Journal of Agriculture & Forestry
Turkish Journal of Biology
Turkish Journal of Botany
Ukrainskiĭ Botanichniĭ Zhurnal
Uspekhi Sovremennoĭ Biologii
Vår Föda
Växtodling - Institutionen för Växtodlingslära, Sveriges Lantbruksuniversitet
Vedecké Práce - Výzkumný a Šlechtitelsky Ústav Bramborářsky v Havlíčkově Brodě
Vedecké Práce Výskumného Ústavu Rastlinnej Výroby v Piešťanoch
Vedecké Práce Výskumného Ústavu Závlahového Hospodárstva v Bratislava
Vegetatio
Verslag - Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond
Visnik Agrarnoi Nauki
Vorträge für Pflanzenzüchtung
Water Reports
Water Science and Technology
Water, Air, and Soil Pollution
Weed Research (Oxford)
Weed Research, Japan
Weed Science
Weed Technology
Wheat Information Service
Wiadomości Instytutu Melioracji i Użytków Zielonych
Wildlife Research
Wildlife Society Bulletin
Wood Research
Working Paper - International Rural Development Centre, Swedish University of Agricultural Sciences
Working Paper - Lumle Regional Agricultural Research Centre
World Journal of Microbiology & Biotechnology
World Weeds
Zahradnictví
Zashchita i Karantin Rasteniĭ
Zashchita Rasteniĭ (Moskva)
Zaštita Bilja
Zbornik Biotehniške Fakultete Univerze v Ljubljani, Kmetijstvo
Zbornik Gozdarstva in Lesarstva, Ljubljana
Zeitschrift für Agrarinformatik
Zeitschrift für Kulturtechnik und Landentwicklung
Zeitschrift für Lebensmittel-Untersuchung und -Forschung
Zeitschrift für Naturforschung. Section C, Biosciences
Zeitschrift für Ökologie und Naturschutz
Zeitschrift für Pflanzenernährung und Bodenkunde
Zemědělská Technika
Žemės Ūkio Inžinerija, Mokslo Darbai
Zemledelie
Zeszyty Naukowe Akademii Rolniczej im. Hugona Kołłątaja w Krakowie, Rolnictwo
Zeszyty Naukowe Akademii Rolniczej im. Hugona Kołłątaja w Krakowie, Tecnologia Żywności
Zeszyty Naukowe Akademii Rolniczej w Szczecinie, Rolnictwo
Zeszyty Problemowe Postępów Nauk Rolniczych
Zuckerindustrie

Document Delivery Service

Coverage: We can provide copies of most articles cited in the CAB ABSTRACTS journals and database. Copyright law prohibits supply of more than one article from one periodical issue on any one occasion. Books and other complete publications can be sourced and supplied and are charged at normal (retail) price plus handling/postage, for which a quotation will be sent.

Ordering: Please complete an order form, ensuring that you give full bibliographic details and attach a copy of your reference source. Requests may also be sent by post, fax or Email, or placed through online ordering systems. The cost (detailed below) is for each article irrespective of length. UK customers must add VAT, and other EC customers must either quote their VAT number (see below) or UK VAT (currently 17.5%) will be added.

Payment: Prepayment is required unless you have a CABI deposit account. Credit cards, cheques, bank drafts or international money orders (not national postal orders) are accepted and should be made payable to CAB INTERNATIONAL. Sterling cheques should be drawn on a UK bank, and US$ cheques should be drawn on a US bank. Library Services Vouchers (details on request) provide an alternative and convenient method of prepayment.

PHOTOCOPY REQUEST (Please type or print clearly)

CAB INTERNATIONAL,
Library Services Centre, Silwood Park, Buckhurst Road, Ascot, Berks, SL5 7TA, UK.
Tel: +44 (0) 1344 872747
Fax: +44 (0) 1344 872901
Email: library@cabi.org

Author(s): .....

Article Title: .....

Journal/
Book Title: .....

Year: ..... Vol: ..... Part: ..... Pages: .....

Despatch to: .....
.....
.....
.....

Tel: .....

Fax: .....

Order/Ref. Number: .....

Delivery Method (Tick one box)

❑ Post (£7.50/US$14.00) + VAT in UK and EC

❑ Fax (£17.50/US$33.00) + VAT in UK and EC

Payment Method (Tick one box)

❑ Payment enclosed £/$

❑ Charge Deposit Account No

❑ Charge Credit Card, please fill in details below

Circle one: ACCESS / AMERICAN EXPRESS / EUROCARD / MASTERCARD / VISA

Card Number: ..... Expiry date: .....

EC COUNTRIES ONLY - If you are registered for VAT (BTW/MWST/IVA/MOMS/FPA/TAV/MWS/AVL/MOM)

Please quote number: .....

Please supply me (the undersigned) with the above item which I will use only for private research or study. I have not previously been supplied with a copy of the same material by any librarian, and will not supply a copy of it to anyone else. To the best of my knowledge, no one with whom I work or study has requested or will request substantially the same item for substantially the same purpose.

Signature: ..... Date: .....

Please attach a copy of your source of reference

CAB INTERNATIONAL PUBLISHING

CAB INTERNATIONAL (CABI) is a not-for-profit organization in the areas of agriculture, forestry, the management of natural resources and related sciences including human nutrition and health. An active Publishing Programme, under CABI's Publishing Division, markets and publishes worldwide a range of printed and electronic products within these subject areas.

The products are predominately outputs from CABI's main databases, CAB ABSTRACTS and CAB HEALTH, which contain over 3 million bibliographic records of the world's scientific and technical literature since 1973.

CAB ABSTRACTS is the world's leading bibliographic database covering all aspects of agriculture, forestry, veterinary science, soil and water science, as well as leisure, recreation and tourism and human nutrition.

CAB HEALTH covers parasitic, tropical and communicable diseases of man (including HIV/AIDS), community and public health, human nutrition, and medicinal and poisonous plants.

FROM THE DATABASES:

CAB ACCESS
Provides fast, weekly access to the key literature in agriculture and bioscience.

ABSTRACT JOURNALS
Printed journals covering broad disciplines as well as specialist interests. Some journals also contain news and other information including review articles. Also available on floppy disk.

CD-ROM
CAB ABSTRACTS on compact disc, the CABCD, available back to 1973.

CAB HEALTH - available back to 1973.

CAB SPECTRUM - Subject-specific discs containing at least 20 years of information on each of the major broad disciplines.

CAB COLLECTION - Narrower subject discs containing nearly 25 years of information in a unique, searchable, bibliographic archive.

MAGNETIC TAPES
Organizations with access to mini or mainframe computers may lease all or part of the CAB ABSTRACTS database.

ANNOTATED BIBLIOGRAPHIES
Printed or electronic compilations on specific topics.

CAB ALERTS
A monthly current awareness service providing subscribers with the search results from standard profiles.

CAB PROFILES
Personalized current awareness profiles based on the most recent input to the database, tailored to individual needs.

LITERATURE SEARCH SERVICE
A Question and Answer and Literature Search service are available.

ALSO:

PRIMARY JOURNALS
Bulletin of Entomological Research, Seed Science Research, Journal of Helminthology, Soil Use and Management, Outlook on Agriculture, British Journal of Nutrition, Proceedings of The Nutrition Society and Nutrition Research Reviews.

NEWSLETTERS
Authoritative, accurate and up-to-date synopses of current topics reflected in the international media as well as the technical, scientific and medical press.

SERIAL PUBLICATIONS
Index of Current Research on Pigs, Distribution Maps of Pests, Distribution Maps of Plant Diseases, Bibliography of Systematic Mycology, descriptions of Pathogenic Fungi & Bacteria, Index of Fungi and Systema Ascomycetum.

BOOKS
CABI has an active book publishing programme and publishes over 60 new titles every year, some of which are available in electronic form. Please contact the Commissioning Editor.

CROP PROTECTION COMPENDIUM
A CD-ROM containing detailed, illustrated data on over 1000 major pests, including pathogens and weeds, and quarantine pests. It covers 150 crops of the world, and 150 countries of the world.

SCIENTIFIC SOFTWARE AND REFERENCE TOOLS
Interactive Taxanomic Identification Keys and authority titles to arthropods, fungi and nematodes.

CABI on the WWW
You can find out more about CABI publications and services at http://www.cabi.org

For further information on any of the above products contact:

CAB INTERNATIONAL, Publishing Division, Wallingford, Oxon OX10 8DE, UK
Tel: +44 (0)1491 832111 Fax: +44 (0)1491 826090 E-Mail: marketing@cabi.org

CAB INTERNATIONAL, Publishing Division, North America, 198 Madison Avenue, New York, New York 10016-4314
Tel: +1 (212) 726-6490 [toll-free (1800) 528 4841] Fax: +1 (212) 686 7993 E-mail: cabi-nao@cabi.org

CAB INTERNATIONAL, ASIA, PO Box 11872, 50760 Kuala Lumpur, Malaysia
Tel: +60 (0)3 943 2921 Fax: +60 (0)3 943 6400 E-mail: cabi-aro@cabi.org

CAB INTERNATIONAL, CARIBBEAN, Gordon Street, Curepe, Trinidad & Tobago
Tel: +1 (809) 645 7628 Fax: +1 (809) 663 2859 E-mail: cabi-cro@cabi.org

CAB INTERNATIONAL, AFRICA, PO Box 76520, Nairobi, Kenya
Tel: +254 (2) 747 329/337 Fax: +254 (2) 747 340 E-mail: cabi-roaf@cabi.org